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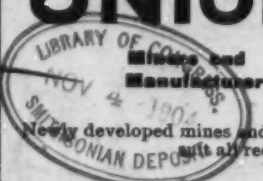
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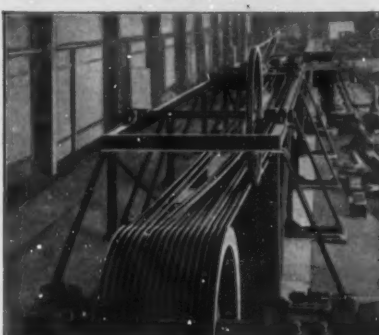
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VOLUME XXXIX—NO. 18

NEW YORK AND CHICAGO, THURSDAY, NOVEMBER 3, 1904.

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BOARD DEAL CLOSED.

Independents Lease All Except Five of the United Mills.

The Final Details Were Settled Yesterday at a Long Meeting Held in New York—The Lease Is for Six Months With an Option for a Further Six Months—The Rental Price.

The board deal was closed on Wednesday of this week. By it a syndicate of the independent box board manufacturers of the country obtain control of all but five mills of the United Box Board and Paper Company for six months, with the privilege of renewing the lease for another six months. The terms of the lease are at the rate of \$450,000 per year, or \$112,500 every quarter in advance. This rental will be paid in part at least by a tax of \$1 per ton on the production of the board manufacturers who have agreed to co-operate under the new deal, which it is expected will be put into active operation within a week or two at the latest.

The final stage of the negotiations in connection with the lease was reached yesterday (Wednesday) morning, when a meeting of members of the underwriting syndicate was held at the offices of the Paper Products Company, which was in close touch with President Barber and the other officials of the United Box Board and Paper Company. After a morning conference at 11 Broadway the meeting was adjourned pending a discussion by the underwriters at 17 Battery place of the final draft of the lease. After the draft had been considered for about an hour the announcement was made that the deal was practically closed, only minor details then remaining to be disposed of.

In connection with the signing of the lease it is now considered likely that an all round advance in boards will be made at once. Just how much of an advance will be made is not known at this time; still on straw board, chip boards and news board an advance of at least \$5 per ton is looked for. As practically all the board manufacturers have agreed to work under the plan in maintaining prices, &c., the market quotations on boards will be kept uniform. The production will, it is said, be regulated to suit the demand. All the mills, it is understood, will sell their own boards, but at the prices agreed upon.

The Paper Products Company will now be reorganized with a larger capital stock. In the future the company will practically represent the syndicate of manufacturers who have assumed the lease of the United's machines. It will therefore carry on the business incident to the lease and will also be used as a medium for the collection of the tonnage tax and possibly for the receipts of reports in regard to sales and collections. Up to date, however, the details of its future operations have not been decided upon. These matters will be considered later on. Who the officers are to be and where the company's headquarters are to be located are also questions for the future.

The leasing syndicate, as has been before stated in THE PAPER TRADE JOURNAL, is made up of a few board manufacturers, headed by Crawford Fairbanks, who is financially interested in the Chicago Coated Board Company, of Chicago, Ill.; the Piermont Paper Company, of Piermont, N. Y., and the Haverhill Box Board Company, of Haverhill, N. Y. The other box board mills represented in the syndicate are the Philadelphia Board and Paper Company, of Philadelphia, Pa.; the Fort Orange Paper Company, of Castleton, N. Y.; the Lafayette Box Board Company, of Lafayette, Ind., and the Tonawanda Box Board and Pa-

per Company, of Tonawanda, N. Y. With this syndicate nearly all the other board manufacturers have made an agreement to pay \$1 per ton per day on their production.

Besides assuming the lease of all but five of the United's mills, the syndicate has also agreed to take over all the raw stock now at the mills of that company, and also all the company's outstanding contracts for raw materials. To determine the value of this stock an inventory will be taken at once. Approximately it is estimated that half a million dollars' worth of stock is involved.

The mills which the United has reserved from the lease are the Traders Mill at Lockport, N. Y.; the Thompson Mill, at Schuylerville, N. Y.; the Quincy Mill, at Quincy, Ill.; the Kennebec Mill, at Benton Falls, Me., and the Oswego Mill, at Fulton, N. Y. These the United will continue to operate on its own account.

Indiana's View of the Case.

MUNCIE, Ind., October 29, 1904.—It is said that all the Indiana mills of the United Box Board and Paper Company, the so called trust, will be released from the United Company's control when a deal now pending is concluded.

According to the best information now at hand the United Company will turn back into the hands of the companies from which they were bought all the many pulp and paper mills now in the United Company's control, except five large plants. The United Company is convinced that the operation of nearly all the straw board and paper mills of the country under one head is not a success. It is definitely announced that the paper mills in Wabash and Marion will be released, and it is also said that those of Muncie and vicinity will be turned back to their original owners.

The United Company, according to the story, will lease thirty-seven of its constituent plants to independent concerns for an annual rental of \$500,000, and the contracts for the culmination of this deal are now ready for signatures. In Muncie no information relative to the deal, which has been an open secret in the trade for weeks, is given out, though some of the principal mills in the combine are situated here. It is said that one reason the United Company has for wishing to dispose of its Indiana plants, easily and gracefully when it has the opportunity, is the continual prosecution of the company by the Indiana State authorities for the alleged destruction of fish by straw board refuse, and because of the numerous damage suits of farmers whose land is damaged by the same refuse. Paying out large sums in damages to farmers has depleted the treasury at times, it is said.

The competition of independents, too, has been very keen and has been trying to the United, burdened as it is by the necessity to maintain in operation many large factories in the charge of minor officers whose salaries are large. The independent manufacturer, with his highly specialized skill and his ability to give his personal attention to the management of his mill without being distracted by thoughts of other mills, has also had a bad effect upon the prosperity of the United Company.

Delaware County straw board and paper men who will talk upon the subject regard the action of the United as a capitulation to the independents, which it has fought unsuccessfully for many years, and say that they have no doubt that when the present leases on its plants expire the United Company will be ready to give new leases at the old terms or to sell the plants entirely.

A New Clergue Project.

SAULT STE. MARIE, Mich., October 31, 1904.—Francis H. Clergue and other capitalists, some of whom are residents of Detroit, are planning to erect one of the biggest paper mills in the country a few miles below this city.

PAPER BAG MAKERS.

The United States Association Holds a Lengthy Session.

The Object of the Meeting, It Is Said, Was to Advance the Price of the Manufactured Goods—This Move Deemed Necessary Because of the Higher Value of Raw Materials.

Members of the United States Paper Bag Manufacturers' Association have been in session this week at the Fifth Avenue Hotel, New York. The meeting, which began on Tuesday, was adjourned to Wednesday, and at a late hour yesterday afternoon the bag manufacturers were still in session.

The object of this special meeting at this time is said to be an advance in the prices of bags, to which the manufacturers are forced by the recent change in the basis of weight from 25 pounds to 30 pounds by the manufacturers of bag papers. By this change the weights lighter than 30 pounds cost the bag makers an extra one-half cent per pound, or an equivalent of an advance of 15 per cent. in the cost of their light weight special bags and an increased cost on some of their standard bags. To offset the additional cost of their raw material is therefore the purpose of the meeting this week. Any advance, however, to become effective must be co-operated in by all the companies in the business. The necessity for unanimity of action is no doubt responsible for the prolonged session of the manufacturers.

At the meeting this week all the Eastern paper bag companies were represented, including the Continental Paper Bag Company, of New York, which is not now a member of the association. The Union Bag and Paper Company, another non-member, was not represented and was not heard from in regard to the prospective advance, as President Fisher of that company is in Chicago all this week and Vice President Barratt is at St. Louis, Mo., attending the meeting of the selling agents of the Union Bag and Paper Company. The absence of these officials no doubt caused some embarrassment to the independent bag manufacturers, as all recognize the futility of "boosting" prices without the co-operation of the Union. The approval of the Union to an advance is looked for.

In the bag trade it is a well known fact that prices for the past two years have been altogether too low; in some cases it is claimed that the bag manufacturers have not obtained more than the price of the original cost of the paper. Because of the low prices prevailing the bag makers have been forced to insist upon extremely low quotations from the manufacturers of bag papers. The latter, in their turn, after complaining loud and long over the prices they have had to make, have finally come together in an agreement that they will not sell their product for less than 2.55 cents, 30 pound basis, f. o. b. delivery point, 3 per cent. off thirty days and no reductions allowed, one-half cent extra for weights between 25 to 35 pounds. The combined action of the paper manufacturers has made it necessary for the bag makers to consider ways and means for making at least a corresponding advance in the price of their bags. Such an advance would mean but a slight increase in the cost to the consumer and could be obtained easily if united action should be taken.

The effort to offset the increased cost of their raw material has been made by the smaller manufacturers because the severe competition of the past few years has rendered it impossible to continue selling at the old quotations.

BUSINESS CONSTANTLY GAINING.

Fairly Good at Holyoke—Boston Had Good October Trade—
Writings Active in Chicago—Philadelphia Reports
Gains—Western Demand Increasing.

Despite the fact that some buyers are disposed to await the result of the election before placing further orders, there is, nevertheless, a good volume of business being done in the New York market. Prices continue firm and have an upward tendency. Whether advances in the prevailing quotations will take place in the near future depends, of course, on the demand. But as considerable expansion in trade is looked for this month some increases in the selling prices are predicted. In support of this prediction the argument is used that stocks are light, especially in the hands of consumers. On this there is general agreement, as for some time back the buying has been on a very conservative basis. But even with that restriction on trade the current demand has been large enough to absorb the production of the mills. With a slight increase in the volume of business, therefore, it is argued that an advance in prices must follow, as everybody would then want their paper at once, and as nearly all the mills already have a few weeks' run on their books quick shipment on new orders is out of the question—except premiums in the shape of advances are paid by the purchasers. In this way it is expected that advances will be brought about. Because of the increasing cost of ground wood, sulphite, rags and old papers the manufacturers declare that they cannot continue to market their products on the basis of the present quotations. The combination, therefore, of the high cost of raw materials and an increased demand will surely result in higher prices for paper, so the manufacturers assert. All that is needed, they say, is a slight expansion in business. This they think will set in after the political excitement is over. Meantime a good demand for news, book, manilas and writings is reported. The demand for writings is not quite as strong as it is for the other grades. Tissues are very firm. Roofing papers are in better demand. Box boards have been rather weak in price.

Business at Holyoke Fairly Good.

Western Massachusetts Office
THE PAPER TRADE JOURNAL,
HOLYOKE, MASS., November 1, 1904.

The American Writing Paper Company started the No. 2 mill of the Riverside Division this morning, the mill having been closed for a short time, during which some needed repairs were made.

Business has been quite good the past week. A few orders in excess of the number received the previous week have come in, and while all of the mills have been fairly busy more orders could have been filled.

The Whiting Paper Company has a very fair line of business now and finds trade as good if not better than was expected. All of the departments are busy and both mills are running full.

The Valley Paper Company and the Parsons Paper Company report business as being medium. Both mills could handle more orders, but neither is complaining.

Western Massachusetts mills in general are fairly active, but the limit of production is a long way off. FERRY.

Philadelphia Market Gaining.

[FROM OUR REGULAR CORRESPONDENT.]

PHILADELPHIA, November 1, 1904.—None of the improvement in the paper market reported last week was lost this week; other gains, noticeably in wrappings and in book papers, were made, and still other gains are looked forward to by small amounts until the elections are over and then by larger steps.

The improvement of the week arose because of the larger demands by the printers, who are all very busy, and by the publishers, who are beginning to get active after a long period of dullness. In the great textile districts thousands of looms, idle for months, are revolving, and wrapping papers, of which the mills are, next to the department stores, the heaviest consumers, are in increasing demand. Increase in general business explains the improved sale of writing papers. Building papers and hangings share in the benefits of restored confidence. E. R. G.

Good October Business in Boston.

Eastern Office THE PAPER TRADE JOURNAL,
64 Federal Street,
BOSTON, MASS., November 1, 1904.

Now that the days of October have been numbered and the local paper jobbers view the business of last month as a whole, the result in volume of sales is so satisfactory that they say "business was very good for the month." September business was also reported as having been good, so that trade with Boston paper dealers since the close of the summer vacation season, if not up to expectations, has not been disappointing in volume. And if actual conditions were known it would, possibly be found that city jobbers have had a better run of business than they care to

admit, this statement being based upon the cheerfulness with which they report "good business." It is difficult now to get a paper dealer to admit that he has any fault to find on the score of business, and when a paper jobber does not "kick" things must be running pretty smoothly. With paper manufacturers trade conditions seem to be improving as the season advances, especially so with those running on news, book, manila and tissues. Manila mills are having all the business that they can take care of, some of the New England manufacturers of manilas claiming to be weeks behind in their shipments. So far as can be judged from the reports of the representatives of the New England book mills they must be having orders enough to keep the mills running full. Tissue mills likewise seem to be well supplied with orders. And all those grades of papers are very firm.

Writings Active in Chicago.

Western Publication Office
THE PAPER TRADE JOURNAL,
936 Monadnock Building,
CHICAGO, ILL., October 31, 1904.

Trade has shown little change the past week, except that orders fell off a bit, as is to be expected the latter part of each month. Generally speaking, trade is of very fair dimensions for the season. Bonds and ledgers have been particularly active. Book is not so active, but that there will be a decided improvement in demand immediately after the election is generally expected. VAN.

Wisconsin Business Fairly Good.

[FROM OUR REGULAR CORRESPONDENT.]

APPLETON, Wis., October 31, 1904.—While general business is fairly good, the improvement that was noticed a few weeks ago has not increased any, if jobbers and manufacturers are correctly reported.

"This is the first year," said a large manufacturer to me today, "when at this season our mills were not working with at least six or eight weeks' orders ahead. As it is now, we feel we are well fixed if we have orders ahead for a week, and we can generally make shipments on rush orders in twenty-four hours. There has been a great deal of talk about increase of business this fall, but when you get right down and investigate you are troubled to find it. Of course, business is better than it was last summer; there is no doubt about that, but the printers are not yet as busy as they ought to be, and a good many big catalogues have gone over to next year. I believe that after election things will take a decided turn for the better."

The news mills report orders to be satisfactory in quantity, and the writing paper mills are doing fully as well as any of the others, but book papers do not seem to be moving as they should at this time. There is a continuance of the talk that the increase in the price of raw materials is going to make bond papers higher. Rags have gone up amazingly and are scarce at best. FOX RIVER.

Miami Valley Trade Encouraging.

[FROM OUR REGULAR CORRESPONDENT.]

DAYTON, October 31, 1904.—Business conditions, it may be said, are as encouraging as might be expected under the circumstances, with the election only a few days away. There has been more or less interference with trade during the month, and most tradesmen will be well pleased when the votes have been counted and somebody sent to the chair in the White House, whether he be the sage of Esopus or the Rough Rider. "We have had a little more interference than we bargained for," explained one of the well known manufacturers, "and business was somewhat unsettled. When the campaign started it seemed so serene that most of us predicted there would be less of a halt in the paper business than at any time preceding within the past score years. But we cannot always judge aright at the commencement of a contest such as has been waged. It was in many respects one of the quietest campaigns in political history, yet the effect on business was about the same as during the more strenuous, go ahead, sensational campaigns. It seems to be that the record of the Dayton Clearing House for the past week ought to be a good barometer. We paper men have much to do with making the clearings in Dayton, and the machinery contingent helps out materially. Between these two classes of industries the bulk of the clearings are handled. Just note that during the week a loss of not more than 4½ per cent. in the amount of the clearings was recorded over a corresponding period of last year."

The demand for the standard grades of paper has been fair, while quotations are about as firm as they have been for several months. The impression that an impetus will be given to business within a fortnight is growing here. Most of the mills are busy on current orders. Scarcely a county in Ohio but what uses the coming week a ton of print paper merely for ballots. Printers in all county seats have been on the qui vive for several weeks. Campaign literature has been abundantly published by aspiring local candidates throughout this State, and there has been an unusually large amount of news consumed. Even this week found the activity undiminished. M. V.

Business Active in Toronto.

[FROM OUR REGULAR CORRESPONDENT.]

TORONTO, Canada, October 31, 1904.—Paper makers and dealers all report active business in all lines. News mills think theirs is the busy line, but firms handling several lines report activity in all. Most of the houses report that they do not recall such a busy autumn, which goes to show both that Canadian trade keeps up and also that the big fire of last April has not injured Toronto's trade. Good progress has been made since the conclusion of the building laborers' strike on the new factory of Warwick Brothers & Rutter at the corner of King street and Spadina avenue, and they will likely be in it before real cold weather comes. L.

Bankruptcy Schedules of W. A. Bingham & Co.

According to the schedules of W. A. Bingham & Co., of New York, filed in that city on Thursday of last week, the firm's liabilities are \$29,272.52, and assets \$13,560.44. The liabilities are made up of wages, \$1,241.06; secured claims, \$1,711.70, and unsecured claims, \$26,319.76. The assets are: stock in trade, \$3,090.81; household goods, \$80; machinery, tools, &c., \$1,714; other property and debts due on open account, \$8,164.23, and cash, \$511.40. The Mutual Alliance Trust Company, of 323 Grand street, New York, is the secured creditor to the extent of \$1,711.70 for money loaned. It holds an assignment of debts due on open account to cover loans.

Among the unsecured creditors in the paper and allied trades whose claims are over \$100 are: Estate of W. A. Bingham, \$1,460; the McCall Company, New York, \$367.82; William Hughes, Brooklyn, \$150.78; Chateaugay Pulp Company, Chateaugay, N. Y., \$236.73; F. C. Huyck & Sons, Albany, N. Y., \$404.87; C. B. Hewitt & Brothers, New York, \$1,041.65; Castle, Gotheil & Overton, New York, \$873.80; Tait & Sons, Bridgeport, Conn., \$100.40; Battle Island Paper Company, \$1,744.30; John H. Lyon & Co., New York, \$884.77; M. Gottesman, New York, \$244.42; George F. Hills, New York, \$147.83; Hartje Paper Manufacturing Company, Pittsburg, Pa., \$570.66; Riordon Paper Company, Hawkesbury, Ont., Canada, \$820.34; Japan Tissue Mills, Holyoke, Mass., \$348.77; Stevens & Thompson, North Hoosac, N. Y., \$1,295.30; Genesee Paper Company, Rochester, N. Y., \$1,429.50; Parsons Pulp and Paper Company, Parsons, W. Va., \$1,407.82; Carthage Tissue Paper Mills, Carthage, N. Y., \$1,000; Cheney Bigelow Wire Works, Springfield, Mass., \$207.66; Hinckley Sulphite Fibre Company, Hinckley, N. Y., \$568.34; Manhattan Rubber Manufacturing Company, New York, \$123.07; Middlesex Paper Company, Boston, Mass., \$399.40; Edgar M. Bingham, Bloomfield, N. J., \$677.83, due for services and on notes.

The Engineering Welfare Club.

[FROM OUR REGULAR CORRESPONDENT.]

DAYTON, Ohio, October 31, 1904.—The Engineering Welfare Club, composed of employees of the engineering and machinery departments of Geo. H. Friend Paper and Tablet Company, West Carrollton, is one of the new organizations which have been formed in the Miami Valley. The object of this club is to study engineering in all of its phases and by so doing the employees hope to better their conditions, make their employment more profitable to the employer and more thoroughly educate themselves in their chosen vocations. The work deserves to be crowned with success, and the company is reported to have encouraged the movement in every possible way. The meetings will be held regularly, generally at the home of one of the members, thus advancing the social feature as well as the commercial. This form of welfare work has been followed in a few industrial lines. The National Cash Register Company has been foremost in the movement, but the Friend Company's employees are the first in the valley representing a paper mill. M. V.

Will of Mrs. James B. Crane.

Western Massachusetts Office
THE PAPER TRADE JOURNAL,
HOLYOKE, MASS., November 1, 1904.

The will of Mrs. James B. Crane was filed for probate at Pittsfield on Saturday morning and considerable money goes to charitable institutions.

The House of Mercy Hospital, Pittsfield, receives \$25,000; Berkshire County Home for Aged Women, \$10,000; to Massachusetts branch of Congregational Home Missionary Society, the American Missionary Association, the American Board of Commissioners for Foreign Missions and the American Educational Society, \$5,000 each; to Mrs. Walker's missionary house, Auburndale, Mass., \$2,000; to the Dalton town library, \$5,000, to be invested and the interest to be used for the purchase of books; to Congregational Church in Dalton, \$2,500. Bequests aggregating \$175,000 are made. Her son Frederick G. Crane and daughter Mary Crane Johnson, wife of Rev. Dr. Herbert S. Johnson, of Boston, are named as executors and residuary legatees. The estate is said to amount to \$1,000,000. FERRY.

IMPORTS AND EXPORTS.

Government Returns for September, 1903 and 1904, and for the Nine Months Ended Those Dates, With Comparisons—Gains and Losses.

[SPECIAL CORRESPONDENCE OF THE PAPER TRADE JOURNAL.]

WASHINGTON, D. C., October 31, 1904.—The imports and exports of chemicals, paper, paper stock and wood pulp, as shown by the monthly summary just issued by the Bureau of Statistics, and covering the month of September, and nine months ended September 30, with comparisons with the year 1903, are as follows:

CHEMICALS, ETC.—IMPORTS.

| | September, 1903. | | September, 1904. | |
|-------------------------------|------------------|----------|------------------|----------|
| | Quantities. | Values. | Quantities. | Values. |
| Bleaching Powder (dut.), lbs. | 7,946,208 | \$61,762 | 7,649,575 | \$61,110 |
| Caustic Soda (dut.), lbs. | 86,877 | 2,058 | 311,421 | 8,589 |
| Sal Soda (dut.), lbs. | 392,100 | 2,153 | 454,500 | 4,229 |
| Soda Ash (dut.), lbs. | 1,701,616 | 16,067 | 3,018,066 | 28,171 |
| Brimstone (free), tons. | 8,075 | 156,196 | 8,585 | 167,323 |

CHEMICALS, ETC.—IMPORTS.

NINE MONTHS ENDED SEPTEMBER 30.

| | 1903. | | 1904. | |
|-------------------------------|-------------|-----------|-------------|-----------|
| | Quantities. | Values. | Quantities. | Values. |
| Bleaching Powder (d.t.), lbs. | 81,989,344 | \$676,789 | 65,869,026 | \$593,524 |
| Caustic Soda (dut.), lbs. | 2,143,900 | 52,814 | 1,846,535 | 48,054 |
| Sal Soda (dut.), lbs. | 2,082,283 | 15,361 | 3,840,028 | 32,892 |
| Soda Ash (dut.), lbs. | 17,274,416 | 164,819 | 18,021,656 | 138,686 |
| Brimstone (free), tons. | 132,550 | 2,501,091 | 108,836 | 2,065,729 |

PAPER.—IMPORTS.

| | September, 1903. | | September, 1904. | |
|---------------------------|------------------|-----------|------------------|-----------|
| | Quantities. | Values. | Quantities. | Values. |
| Litho. labels and prints. | ..... | \$185,304 | ..... | \$145,111 |
| Parchment papers (lbs.) | 49,627 | 7,076 | 34,370 | 3,884 |
| All other..... | ..... | 314,226 | ..... | 322,931 |
| Totals..... | ..... | \$456,606 | ..... | \$472,026 |

The countries of origin for this paper and its manufactures, together with a comparison with the figures for 1903, are as follows:

| | 1903. | 1904. |
|----------------------|-----------|-----------|
| United Kingdom..... | \$65,484 | \$60,136 |
| Belgium..... | 22,777 | 20,621 |
| France..... | 29,967 | 35,688 |
| Germany..... | 292,148 | 360,839 |
| Other Europe..... | 24,370 | 34,415 |
| Japan..... | 15,267 | 20,110 |
| Other countries..... | 6,587 | 10,807 |
| Totals..... | \$456,606 | \$472,026 |

PAPER.—IMPORTS.

FOR NINE MONTHS ENDED SEPTEMBER 30.

| | 1903. | | 1904. | |
|------------------------------------|-------------|-------------|-------------|-------------|
| | Quantities. | Values. | Quantities. | Values. |
| Litho. labels and prints, n. e. s. | ..... | \$335,839 | ..... | \$1,048,496 |
| Parchment papers (lbs.) | 219,275 | 38,998 | 288,648 | 44,364 |
| All other..... | ..... | 2,448,194 | ..... | 2,940,660 |
| Totals..... | ..... | \$3,322,031 | ..... | \$4,020,866 |

This paper and its manufactures were imported from countries as follows, comparisons being given with the figures of imports from the same countries for 1902, 1903 and 1904:

| | 1902. | 1903. | 1904. |
|----------------------|-------------|-------------|-------------|
| United Kingdom..... | \$582,489 | \$615,881 | \$646,676 |
| Belgium..... | 103,729 | 179,582 | 179,847 |
| France..... | 283,102 | 304,742 | 364,682 |
| Germany..... | 1,966,708 | 2,229,451 | 2,363,292 |
| Other Europe..... | 156,296 | 176,136 | 339,088 |
| Japan..... | 184,656 | 192,173 | 211,723 |
| Other countries..... | 46,101 | 51,422 | 145,560 |
| Totals..... | \$3,322,031 | \$3,749,381 | \$4,020,866 |

PAPER STOCK.—IMPORTS.

| | September, 1903. | | September, 1904. | |
|--------------------------------|------------------|-----------|------------------|-----------|
| | Quantities. | Values. | Quantities. | Values. |
| Rags, other than woolen (lbs.) | 6,061,042 | \$107,082 | 7,960,021 | \$127,391 |
| All other..... | ..... | 94,201 | ..... | 107,373 |
| Totals..... | ..... | \$201,343 | ..... | \$234,764 |

The countries from which this stock was imported are:

| | 1903. | 1904. |
|----------------------------|-----------|-----------|
| United Kingdom..... | \$86,567 | \$74,155 |
| Belgium..... | 28,394 | 34,981 |
| France..... | 23,526 | 19,348 |
| Germany..... | 39,007 | 69,926 |
| Italy..... | 6,756 | 8,566 |
| Other Europe..... | 10,466 | 15,933 |
| British North America..... | ..... | 10,471 |
| East Indies..... | ..... | 14 |
| Japan..... | ..... | ..... |
| Other countries..... | 1,667 | 1,870 |
| Totals..... | \$201,343 | \$234,764 |

PAPER STOCK.—IMPORTS.

NINE MONTHS ENDED SEPTEMBER 30.

| | 1902. | | 1903. | | 1904. | |
|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | Quantities. | Values. | Quantities. | Values. | Quantities. | Values. |
| Rags, other than woolen (lbs.) | 63,604,101 | \$1,096,220 | 79,379,382 | \$1,222,351 | 84,830,947 | \$1,284,769 |
| All other..... | ..... | 1,024,477 | ..... | 1,071,616 | ..... | 1,064,621 |
| Totals..... | ..... | \$2,120,697 | ..... | \$2,293,967 | ..... | \$2,349,390 |

This stock was imported from the countries named below:

| | 1902. | 1903. | 1904. |
|----------------------------|-------------|-------------|-------------|
| United Kingdom..... | \$770,002 | \$879,324 | \$840,207 |
| Belgium..... | 251,448 | 277,..... | 280,688 |
| France..... | 222,336 | 222,682 | 238,031 |
| Germany..... | 600,035 | 694,092 | 647,709 |
| Italy..... | 59,170 | 72,949 | 66,799 |
| Other Europe..... | 105,101 | 147,893 | 152,096 |
| British North America..... | 77,928 | 81,088 | 109,470 |
| East Indies..... | 12 | 4,108 | 44 |
| Japan..... | 10,352 | ..... | ..... |
| Other countries..... | 15,313 | 14,481 | 14,846 |
| Totals..... | \$2,120,697 | \$2,293,967 | \$2,349,390 |

WOOD PULP.—IMPORTS.

The imports of wood pulp in September were as follows:

| | 1903. | | 1904. | |
|----------------------------|-------|-----------|--------|-----------|
| | Tons. | Values. | Tons. | Values. |
| Germany..... | 804 | \$39,502 | 735 | \$38,889 |
| Other Europe..... | 2,051 | 88,981 | 2,680 | 263,796 |
| British North America..... | 6,989 | 144,239 | 13,686 | 124,011 |
| Totals..... | 9,844 | \$272,722 | 17,101 | \$421,646 |

The imports of wood pulp for the nine months ended September 30, 1902, 1903 and 1904, were as follows:

| | 1902. | | 1903. | | 1904. | |
|-------------------------|--------|-------------|--------|-------------|---------|-------------|
| | Tons. | Values. | Tons. | Values. | Tons. | Values. |
| Germany..... | 6,388 | \$281,302 | 9,315 | \$396,451 | 6,708 | \$305,256 |
| Other Europe..... | 40,367 | 486,360 | 20,167 | 853,225 | 81,185 | 1,589,843 |
| British N. America..... | 10,649 | 1,136,537 | 64,058 | 1,383,759 | 23,526 | 981,055 |
| Totals..... | 61,404 | \$1,904,199 | 93,540 | \$2,663,435 | 111,424 | \$2,876,154 |

PAPER.—EXPORTS.

The exports of paper and manufactures of for the month of September were as follows:

| | 1903. | | 1904. | |
|----------------------------|-------------|-----------|-------------|-----------|
| | Quantities. | Values. | Quantities. | Values. |
| Paper hangings..... | | \$17,794 | ..... | \$8,692 |
| Playing cards..... | | 13,853 | ..... | 19,658 |
| Printing paper (lbs.) | 7,129,792 | 183,346 | 8,600,934 | 248,526 |
| Writ'g paper and envelopes | | 58,192 | ..... | 91,818 |
| All other..... | | 843,806 | ..... | 813,989 |
| Totals..... | | \$610,900 | ..... | \$682,133 |

The exports of paper and manufactures of for the nine months ended September 30, 1902, 1903 and 1904, were as follows:

| | 1902. | | 1903. | | 1904. | |
|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | Quantities. | Values. | Quantities. | Values. | Quantities. | Values. |
| Paper hang'gs. | | \$201,054 | ..... | \$213,934 | ..... | \$209,801 |
| Playing cards | | | | 50,830 | ..... | 142,390 |
| Printing paper (lbs.) | 82,022,074 | 2,246,105 | 73,820,368 | 1,886,128 | 77,276,540 | 2,211,553 |
| Writing paper and env'pces | | 592,766 | ..... | 579,853 | ..... | 722,232 |
| All other..... | | 2,674,226 | ..... | 2,604,907 | ..... | 2,592,844 |
| Totals..... | | \$5,574,153 | ..... | \$5,394,789 | ..... | \$5,678,230 |

WOOD PULP.—EXPORTS.

During September, 1904, we exported 1,777,232 pound of wood pulp, valued at \$36,011, as against 4,881,285 pounds, valued at \$88,379, in the corresponding month in 1903, while for the nine months ended September 30, 1904, we exported 13,808,836 pounds, valued at \$281,704, as against 19,935,663 pounds, valued at \$393,205, in the nine months ended September 30, 1903.

* Included in "all other" prior to July 1, 1903.

NEW YORK JOTTINGS.

J. Weinberg & Co., of 110 Bowery, have recently sent to all their customers the following circular letter: "Please take notice that from this date on our terms are strictly ten days. On account of the recent failures in the paper trade we are compelled to make this change. Thanking you for past favors and hoping for a continuance of same we are, yours truly."

A farewell complimentary lunch was tendered George E. Hall by his old associates of the International Paper Company at the Underwriters' Club, corner of William and Liberty streets, on Saturday afternoon of last week. Mr. Hall, who has been the sulphite expert of the company for the past six years, has just resigned his position to become general manager of the Taggart Paper Company, of Watertown, N. Y. William Sinclair, manager of the International's London, England, office, was the guest of honor at the luncheon. About fifteen of Mr. Hall's co-workers gathered about the board to break bread with him for the last time, and to reinforce by their presence the words of eulogy spoken by Toastmaster Frank Grubb, who on this occasion added new laurels to his wreath of glory as a graceful spellbinder. Frank did himself proud, as usual. He also painted Hall in such resplendent colors that the young man was afraid to go home lest his wife and child would fail to recognize him so brilliant was his halo after Grubb got through with him. To bring him back to earth his old comrades uncovered a beautiful silver loving cup of unique design, which they said Hall could have if he would promise to be as good a fellow in the future as he has been for the past six years. He promised, but in doing so said that, separated as he will be from the ennobling influences of 30 Broad street, he realized that he had a big contract on his hands. With the aid, however, of George Sherman and the other Watertown worthies he had hopes of keeping his promise.

L. W. Donalley, traffic manager of the United Box Board and Paper Company, has this week been made traffic manager of the Diamond Match Company, of which O. C. Barber, of the United, is also president. For the present Mr. Donalley will continue to hold both positions, as they are mutually helpful to each other, in that better rates can be obtained from the railroads when one can offer them two classes of freight. Being able to offer the transportation lines merchandise that pays a high rate will help Mr. Donalley to secure a lower rate on boards which pay a low rate and vice versa. Until further notice Mr. Donalley will devote part of his time each day to both companies. In addition to being the traffic manager of the United Mr. Donalley has been purchasing all the coal for that company for the past year. In the latter capacity it is said that he has duplicated his well known success as a traffic manager.

The bowling team of the International Paper Company is now just spoiling for a "go" at any club in the trade that has the courage to get into the same alley with them. So far no game can be arranged, the I. P. boys say, because everyone knows that the "Internationals" are unbeatable. Any captain of any other club who disputes this statement should write G. S. Kennedy, captain of the I. P. Giants, 30 Broad street.

The telephone number of the C. W. Rantoul Company, just organized, of 41 Park row, the old Times Building, is "5545 Cortlandt."

In its "Industrial Maine" edition of Monday of this week the New York Commercial devotes a page to an illustrated write-up of Rumford Falls. As President Chisholm, of the International Paper Company, was the founder of the industrial prosperity of the town the whole article is naturally devoted to the enterprises which he started there.

The assets of John N. Forbes, of 587 Hudson street, now in bankruptcy, were sold this week for \$3,100 to M. L. Wilson, paper dealer, of 220 Fulton street.

The first meeting of the creditors of S. L. Reinhardt & Co., of 187 Hudson street, will be held on Wednesday next, November 9, at 12 o'clock noon, at the office of Seaman Miller, referee in bankruptcy, 346 Broadway.

A fire in the paper stock warehouse of Buccolo & Palmieri, 334 Water street, on Friday of last week did considerable damage to the firm's stock.

At the called meeting of the creditors of the American Paper Box Company, 329 Greenwich street, held last week, John J. Hughes, the proprietor of the company, made a settlement in full with his creditors on the basis of 25 cents cash and the balance in four, eight and twelve months' notes.

TRANSMISSION EXPERIMENT.

The Mill of the Remington-Martin Company to Get Electric Power from Massena, a Distance of Ten Miles—Power Will Be Used for Grinding Wood at Low Water.

WATERTOWN, N. Y., November 1, 1904.—The St. Lawrence River Power Company, which has a plant at Massena, N. Y., that is a good second to that of Niagara Falls, promises to be an important factor in the paper making industry in Northern New York. Arrangements have just been made by this concern with the Remington-Martin Paper Company of this city to furnish 1,000 horse power for the use of that company in its paper mill in Norfolk, N. Y. The power will be used in the wood grinding department, thereby doing away with any curtailment of the output of the paper machine during periods of low water, when power for operating the wood grinding plant is deficient. When the Remington-Martin Company built its mill it was estimated that the daily output of finished paper would be about 50 tons per day. Instead of 50 tons it has been found that the capacity of the machines is about 65 tons per day. In consequence the wood grinding plant has not been of sufficient capacity to supply all the ground wood needed at all times of the year. During a portion of the year the water power owned by this company will be ample to run all the departments of the mill. There are no storage reservoirs on the Racquette River, however, and the natural flow of the stream has to be depended upon. Therefore, to avoid loss and delay on account of low water, the company has decided to put in electrical power, which can be relied upon at any and all times. Four additional three pocket grinders will be added to the company's wood grinding plant, and these will be operated by electricity, thus insuring an ample supply of ground wood even during the times when the water is the lowest. At the present

time the Remington-Martin Company is driving all the machinery in its plant not reached by main lines of shafting with electric motors, the power being generated in the mill and transmitted where needed. The chippers and other machinery connected with the sulphite plant are being thus operated. The use of electric power in the Remington-Martin Company's ground wood plant will be the first attempt to use electricity in the making of ground wood pulp in Northern New York.

The result of the company's experiments will be watched with some interest by manufacturers located near points where electricity can be generated cheaply for power purposes. Power can be generated at Massena to drive the machinery in half of the manufacturing plants in Northern New York, providing it can be successfully transmitted to points where it is needed.

The building of the line from Massena to Norfolk will be the first effort on the part of the St. Lawrence River Power Company to transmit power to a distant point. The distance from its plant to Norfolk is about 10 miles. It is expected, however, that within a few years power from the Massena plant will be used in most of the towns along the R. W. & O. Division of the New York Central Railroad as far south as this city, which is about 70 miles distant from the central plant. The people interested in the power company believe that power can be successfully transmitted this distance and are now endeavoring to interest manufacturers in the various towns in the matter. B.

Rumored Sale of C. W. Howard Mill Denied.

[FROM OUR REGULAR CORRESPONDENT.]

APPLETON, Wis., October 31, 1904.—A rumor was in circulation last week that negotiations were pending for the sale of the mill of the C. W. Howard Company, at Menasha. The report was promptly denied, however, by members of the company. FOX RIVER.

The Miami and Erie Canal Case.

[FROM OUR REGULAR CORRESPONDENT.]

DAYTON, Ohio, October 31, 1904.—The Circuit judges have refused to order Judge Dissette, of Cleveland, to dissolve the injunction restraining Attorney Probosco from taking depositions in the Miami and Erie Canal Transportation case. Several weeks ago Mr. Probosco went to Akron, where the Circuit Court was in session, and asked that an order be issued compelling Judge Dissette to permit the taking of depositions at any time or place, the object being to secure the statements of Governor Herrick, Geo. B. Cox and other prominent politicians, but the order of the Circuit Court will save these gentlemen the embarrassment of appearing at this time. In announcing the opinion the court said that Probosco had another remedy at law and that he could carry the matter from Judge Dissette's court to the Circuit Court on error, instead of applying for a writ. Probosco, who is closely identified with the paper manufacturers of the valley in their fight against the "Electric Mule" corporation, is game to the end and declares he will keep up the assault. M. V.

The Powers Paper Company.

Western Massachusetts Office
THE PAPER TRADE JOURNAL,
HOLYOKE, MASS., November 1, 1904.

It has been reported in this city that the Powers Paper Company is preparing to vacate its present quarters at the expiration of its lease. Very little can be learned of the intentions of the company, but it is said that this concern is contemplating renting the building formerly occupied by the Holyoke Thread Company, which is well adapted for the Powers plant. The building now occupied by the company is a part of the property belonging to the No. 3 mill of the Riverside Division of the American Writing Paper Company. The Powers Paper Company is said to be doing a most excellent business, the trade this fall being beyond its expectations. FERRY.

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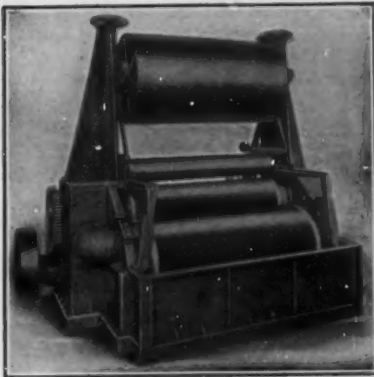
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NOTES OF THE TRADE.

Emma Hoffman, a young girl employed in the factory of the A. M. Collins Manufacturing Company, cardboard, Philadelphia, fatally shot herself at her home on Friday last because of family reverses.

Michael Metz, Alexander Compo and Fred Nortz, of Croghan, Lewis County, N. Y., are the promoters and incorporators of the Croghan Butter and Lard Dish Company, organized with a capital stock of \$10,000. The company is to establish a factory at Croghan.

Harlow P. Davock, referee in bankruptcy, gives notice that on Tuesday, November 22, at 11 a. m., the plant of the Detroit Sulphite Fibre Company, Detroit, Mich., will be sold. A bid having been offered and secured by a deposit of \$40,000 in court as a forfeit the bidding will, by order of the court, be started at \$300,000.

The annual return of the Millers Falls, Mass., Paper Company is as follows: Real estate, \$332,366; machinery, \$115,180; cash and debts receivable, \$27,339; merchandise, \$46,037; profit and loss, \$13,285; total, \$534,207. Capital stock, \$300,000; accounts payable, \$23,207; floating and funded indebtedness, \$211,000; total, \$534,207.

J. Marx & Co., paper makers' engineers, 133 Finsbury pavement, London, England, offer for sale the complete installation of a paper and mechanical wood pulp mill at less than half cost. The equipment will produce daily 50 tons of news and 40 tons of ground wood. The installa-

tion has only been in use a few months and can be seen in a mill in Germany.

The Eureka Ruling and Binding Company, of Holyoke, has filed its annual return with the Massachusetts Tax Commissioner as follows: Machinery, \$22,850; cash and debts receivable, \$6,849; manufactures and merchandise, \$9,913; total, \$39,612. Capital stock, \$15,000; accounts payable, \$18,003; profit and loss, \$6,609; total, \$39,612.

The American Blower Company, Detroit, is furnishing a heating and ventilating outfit for the removing of steam from the grinder room in the International Paper Company's mill at Palmer, N. Y. The outfit consists of a 5,900 foot capacity heater; a 160 inch blower, having an 8 foot wheel, operated by a 10x10 direct connected engine; also a 54 inch flanged disk exhaust fan.

Preparation is being made by the National Envelope Company, 285 to 289 South Water street, Milwaukee, Wis., to move its plant to Waukegan, Ill., where a new building is being erected for its occupancy. The reason given for the removal is that the present quarters are too small to accommodate the growing business of the company, and that Waukegan is nearer Chicago, where most of the customers of the company are located.

The Laws Against Water Pollution.

A review of the laws forbidding the pollution of inland waters in the United States, which may be of great practical benefit to the public, has been prepared by Edwin B. Goodell for the United States Geological Survey. It is

published as No. 103 of the series of "Water Supply and Irrigation" papers, where it is available for all.

No attempt has been made to present a detailed statement of the entire law against water pollution as it exists independently of statutes, but the broad legal principles under which anti-pollution statutes become operative are explained and important court decisions are quoted to show authority for various deductions. These principles and decisions have been classified and are presented in three groups:

1. The rights of riparian owners to pure water as against one another.
2. The rights of the public (as distinguished from individual owners) to have inland waters kept free from pollution by riparian owners or others.
3. The conditions under which, and the extent to which, public municipalities may use inland waters in the disposal of sewage matter from public sewers.

The statutes enacted in various States are classified according to their general scope, and an opportunity is thus afforded to compare their effectiveness and desirability. In some States there is nothing more than a simple provision making it a crime to poison wells and springs, while in others elaborate provisions have been made to check, and, so far as possible, absolutely prevent all pollution of all waters by the refuse products of animal life or the waste of human industry. In citing the statutes, Mr. Goodell has grouped the States together logically to show the stage of growth in sanitary education at which each has arrived.

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You know the great saving in the cost of sulphite pulp by substituting

PYRITES or SULPHUR ORE for BRIMSTONE.

The trouble has been that the gas so produced was deficient in **Strength** of Sulphurous Acid, in **Purity** and in **Quality** generally. Some of the largest mills in Europe have overcome these difficulties and are now using

PYRITES TO GREAT ADVANTAGE.

We contract for and construct complete plants and turn them over in **working order**, which will produce a very high grade gas at a low price, suitable for use either with the vacuum or Mitscherlich process.

PYRITES SUPPLY ARRANGED FOR.

AMERICAN COKE & GAS CONSTRUCTION COMPANY,
17 BATTERY PLACE, NEW YORK.

TRANSMISSION EXPERIMENT.

The Mill of the Remington-Martin Company to Get Electric Power from Massena, a Distance of Ten Miles—Power Will Be Used for Grinding Wood at Low Water.

WATERTOWN, N. Y., November 1, 1904.—The St. Lawrence River Power Company, which has a plant at Massena, N. Y., that is a good second to that of Niagara Falls, promises to be an important factor in the paper making industry in Northern New York. Arrangements have just been made by this concern with the Remington-Martin Paper Company of this city to furnish 1,000 horse power for the use of that company in its paper mill in Norfolk, N. Y. The power will be used in the wood grinding department, thereby doing away with any curtailment of the output of the paper machine during periods of low water, when power for operating the wood grinding plant is deficient. When the Remington-Martin Company built its mill it was estimated that the daily output of finished paper would be about 50 tons per day. Instead of 50 tons it has been found that the capacity of the machines is about 65 tons per day. In consequence the wood grinding plant has not been of sufficient capacity to supply all the ground wood needed at all times of the year. During a portion of the year the water power owned by this company will be ample to run all the departments of the mill. There are no storage reservoirs on the Racquette River, however, and the natural flow of the stream has to be depended upon. Therefore, to avoid loss and delay on account of low water, the company has decided to put in electrical power, which can be relied upon at any and all times. Four additional three pocket grinders will be added to the company's wood grinding plant, and these will be operated by electricity, thus insuring an ample supply of ground wood even during the times when the water is the lowest. At the present

time the Remington-Martin Company is driving all the machinery in its plant not reached by main lines of shafting with electric motors, the power being generated in the mill and transmitted where needed. The chippers and other machinery connected with the sulphite plant are being thus operated. The use of electric power in the Remington-Martin Company's ground wood plant will be the first attempt to use electricity in the making of ground wood pulp in Northern New York.

The result of the company's experiments will be watched with some interest by manufacturers located near points where electricity can be generated cheaply for power purposes. Power can be generated at Massena to drive the machinery in half of the manufacturing plants in Northern New York, providing it can be successfully transmitted to points where it is needed.

The building of the line from Massena to Norfolk will be the first effort on the part of the St. Lawrence River Power Company to transmit power to a distant point. The distance from its plant to Norfolk is about 10 miles. It is expected, however, that within a few years power from the Massena plant will be used in most of the towns along the R. W. & O. Division of the New York Central Railroad as far south as this city, which is about 70 miles distant from the central plant. The people interested in the power company believe that power can be successfully transmitted this distance and are now endeavoring to interest manufacturers in the various towns in the matter. B.

Rumored Sale of C. W. Howard Mill Denied.

[FROM OUR REGULAR CORRESPONDENT.]

APPLETON, Wis., October 31, 1904.—A rumor was in circulation last week that negotiations were pending for the sale of the mill of the C. W. Howard Company, at Menasha. The report was promptly denied, however, by members of the company. FOX RIVER.

The Miami and Erie Canal Case.

[FROM OUR REGULAR CORRESPONDENT.]

DAYTON, Ohio, October 31, 1904.—The Circuit judges have refused to order Judge Dissette, of Cleveland, to dissolve the injunction restraining Attorney Probosco from taking depositions in the Miami and Erie Canal Transportation case. Several weeks ago Mr. Probosco went to Akron, where the Circuit Court was in session, and asked that an order be issued compelling Judge Dissette to permit the taking of depositions at any time or place, the object being to secure the statements of Governor Herrick, Geo. B. Cox and other prominent politicians, but the order of the Circuit Court will save these gentlemen the embarrassment of appearing at this time. In announcing the opinion the court said that Probosco had another remedy at law and that he could carry the matter from Judge Dissette's court to the Circuit Court on error, instead of applying for a writ. Probosco, who is closely identified with the paper manufacturers of the valley in their fight against the "Electric Mule" corporation, is game to the end and declares he will keep up the assault. M. V.

The Powers Paper Company.

Western Massachusetts Office
THE PAPER TRADE JOURNAL,
HOLYOKE, MASS., November 1, 1904.

It has been reported in this city that the Powers Paper Company is preparing to vacate its present quarters at the expiration of its lease. Very little can be learned of the intentions of the company, but it is said that this concern is contemplating renting the building formerly occupied by the Holyoke Thread Company, which is well adapted for the Powers plant. The building now occupied by the company is a part of the property belonging to the No. 3 mill of the Riverside Division of the American Writing Paper Company. The Powers Paper Company is said to be doing a most excellent business, the trade this fall being beyond its expectations. FERRY.

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AND PAPER COMPANY
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WE MAKE A SPECIALTY OF THE HIGHEST GRADE SULPHITE FOR BOOK, LEDGER, WRITING AND MANILA PAPERS.

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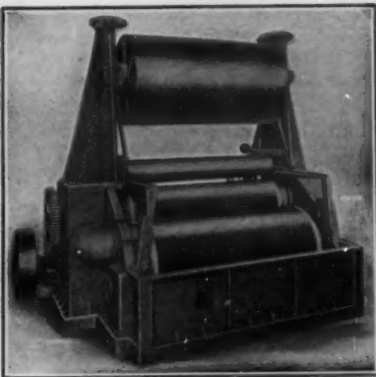
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SAVE THE WASTE!

Make it into PACKAGES
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GLAD TO SEND YOU PARTICULARS.

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AVERAGE ANALYSIS: { Sulphur, . . . 99.9 per cent.
Organic matter,1 per cent.

Absolutely free from Arsenic or Selenium.

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WRAPPING PAPER.

Carew Manufacturing Company

HIGH GRADE

LEDGERS—BONDS—LINENS

Superfine Writings and Typewriter Papers.

SOUTH HADLEY FALLS, MASS.



NOTES OF THE TRADE.

Emma Hoffman, a young girl employed in the factory of the A. M. Collins Manufacturing Company, cardboard, Philadelphia, fatally shot herself at her home on Friday last because of family reverses.

Michael Metz, Alexander Compo and Fred Nortz, of Croghan, Lewis County, N. Y., are the promoters and incorporators of the Croghan Butter and Lard Dish Company, organized with a capital stock of \$10,000. The company is to establish a factory at Croghan.

Harlow P. Davock, referee in bankruptcy, gives notice that on Tuesday, November 22, at 11 a. m., the plant of the Detroit Sulphite Fibre Company, Detroit, Mich., will be sold. A bid having been offered and secured by a deposit of \$40,000 in court as a forfeit the bidding will, by order of the court, be started at \$300,000.

The annual return of the Millers Falls, Mass., Paper Company is as follows: Real estate, \$332,366; machinery, \$115,180; cash and debts receivable, \$27,339; merchandise, \$46,037; profit and loss, \$13,285; total, \$534,207. Capital stock, \$300,000; accounts payable, \$23,207; floating and funded indebtedness, \$211,000; total, \$534,207.

J. Marx & Co., paper makers' engineers, 133 Finsbury pavement, London, England, offer for sale the complete installation of a paper and mechanical wood pulp mill at less than half cost. The equipment will produce daily 50 tons of news and 40 tons of ground wood. The installa-

tion has only been in use a few months and can be seen in a mill in Germany.

The Eureka Ruling and Binding Company, of Holyoke, has filed its annual return with the Massachusetts Tax Commissioner as follows: Machinery, \$22,850; cash and debts receivable, \$6,849; manufactures and merchandise, \$9,913; total, \$39,612. Capital stock, \$15,000; accounts payable, \$18,003; profit and loss, \$6,609; total, \$39,612.

The American Blower Company, Detroit, is furnishing a heating and ventilating outfit for the removing of steam from the grinder room in the International Paper Company's mill at Palmer, N. Y. The outfit consists of a 5,900 foot capacity heater; a 160 inch blower, having an 8 foot wheel, operated by a 10x10 direct connected engine; also a 54 inch flanged disk exhaust fan.

Preparation is being made by the National Envelope Company, 285 to 289 South Water street, Milwaukee, Wis., to move its plant to Waukegan, Ill., where a new building is being erected for its occupancy. The reason given for the removal is that the present quarters are too small to accommodate the growing business of the company, and that Waukegan is nearer Chicago, where most of the customers of the company are located.

The Laws Against Water Pollution.

A review of the laws forbidding the pollution of inland waters in the United States, which may be of great practical benefit to the public, has been prepared by Edwin B. Goodell for the United States Geological Survey. It is

published as No. 103 of the series of "Water Supply and Irrigation" papers, where it is available for all.

No attempt has been made to present a detailed statement of the entire law against water pollution as it exists independently of statutes, but the broad legal principles under which anti-pollution statutes become operative are explained and important court decisions are quoted to show authority for various deductions. These principles and decisions have been classified and are presented in three groups:

1. The rights of riparian owners to pure water as against one another.
2. The rights of the public (as distinguished from individual owners) to have inland waters kept free from pollution by riparian owners or others.
3. The conditions under which, and the extent to which, public municipalities may use inland waters in the disposal of sewage matter from public sewers.

The statutes enacted in various States are classified according to their general scope, and an opportunity is thus afforded to compare their effectiveness and desirability. In some States there is nothing more than a simple provision making it a crime to poison wells and springs, while in others elaborate provisions have been made to check, and, so far as possible, absolutely prevent all pollution of all waters by the refuse products of animal life or the waste of human industry. In citing the statutes, Mr. Goodell has grouped the States together logically to show the stage of growth in sanitary education at which each has arrived.

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It makes little smoke, little ash, no clinkers, but lots of steam.

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Deliveries made on any railroad in New England.

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Write for quotations.

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SULPHITE PULP MILLS = ATTENTION!

You know the great saving in the cost of sulphite pulp by substituting

PYRITES or SULPHUR ORE for BRIMSTONE.

The trouble has been that the gas so produced was deficient in **Strength** of Sulphurous Acid, in **Purity** and in **Quality** generally. Some of the largest mills in Europe have overcome these difficulties and are now using

PYRITES TO GREAT ADVANTAGE.

We contract for and construct complete plants and turn them over in **working order**, which will produce a **very high grade gas at a low price**, suitable for use either with the vacuum or Mitscherlich process.

PYRITES SUPPLY ARRANGED FOR.

AMERICAN COKE & GAS CONSTRUCTION COMPANY,
17 BATTERY PLACE, NEW YORK.

AMERICAN MILL SUPERINTENDENTS

Samuel D. Squires Was Born in Ohio, and Learned His Trade in That State—Is Now Superintendent of the Marietta Mills in Georgia.

Samuel D. Squires was born in Trenton, Buller County, Ohio, on May 11, 1859. He moved to Franklin, Ohio, in 1864, and attended the public school there for ten years. His father died when he was seventeen years of age, after which he went to work for the Franklin Paper Company at that place to support his mother and sisters.

His first work was in the rag room for about one year. He then went to the rotary boiler for two years. In the meantime, having learned to backtend, he was given a position in that capacity. After backtending for two years



SAMUEL D. SQUIRES.

he was promoted to the position of machine tender, in which position he worked for six years.

Then he moved to West Carrollton, Ohio, where he ran a machine for the Geo. H. Friend Paper and Tablet Company for one year. He next went to Miamisburg, Ohio, and worked in the same capacity for the same company in its mill at that place for six months, going later to West Carrollton and running a machine for one year.

He then moved back to Franklin, Ohio, and accepted a position with the Eagle Paper Company as machine tender, working in that capacity for three years, after which he was made superintendent and worked in that capacity for five years.

In 1896 he moved to Marietta, Ga. At that time the Marietta Mills were not doing much, making only about

5,000 pounds of paper per day, and Mr. Squires' efforts have materially assisted in bringing the plant to its present capacity and high standing.

Mr. Squires is now in charge of the company's additions to buildings and is installing a new Fourdrinier machine of 20,000 pounds daily capacity, and also a new box board machine of 20 tons daily capacity. When the improvements are finished in the next ninety days his mill will have a capacity of 40 tons per day.

Mr. Squires is a man of fine appearance, and is not only a good paper mill superintendent but is a fine salesman and does a good deal of selling for his company. He is popular not only in Marietta but has a host of friends among the trade in Atlanta, Ga.

He has made sheathing and roofing felts, news, book, envelope, white and colored flats, colored cover and specialties, railroad manilas, manilas and bag, but has made a special study of light weight manilas.

C. N. Sherman Buys Control Harmon Machine Co.

[FROM OUR REGULAR CORRESPONDENT.]

WATERTOWN, N. Y., November 1, 1904.—Charles N. Sherman, proprietor of the Brownville Iron Works and manufacturer of the Gotham screen, has acquired a two-thirds interest in the Harmon Machine Company of this city and will, as soon as details can be arranged, remove the screen and pulp department of the works at Brownville to the plant of the Harmon Company in this city, the business having outgrown the capacity of the plant at Brownville. The Harmon Machine Company, in which Mr. Sherman has secured controlling interest, has one of the best equipped machine shops in this city. Its plant is located near the centre of the town and has the best facilities for shipping.

A short time ago Mr. Sherman purchased all the stock held by his associates in the Brownville Iron Works and became the sole owner of the plant, also of the patents on the Gotham pulp screen. The business, which has grown to large proportions under his management, can be well cared for at the Harmon plant in this city, as there is ample room and power to take care of every department of the screen and pump business. B.

The Duty on Linen Thread Waste.

Two decisions made by the Board of United States General Appraisers were reversed on Monday of this week by Judge Hazel of the United States Circuit Court, sitting at New York. The protests were by Lewy Brothers & Co. against the action of the Board of Appraisers in levying duty on merchandise held by the lower tribunal to be assessable as paper stock. The contention of the importers was that the merchandise, linen thread waste, was free of duty as paper stock crude, including waste, fit only to be converted into paper. Both protests making this claim were sustained by the court. Before Judge Hazel signed the order reversing the decision of the Board of General Appraisers a representative of the Treasury Department appeared and said that the Government had decided that, in view of recent decisions of the board, it would not oppose the appeal.

NEW CORPORATIONS.

R. L. Polk, of Baltimore, Incorporated. Baltimore, Md.—Publisher.

James Clark & Co., Chicago—Printer and publisher. Incorporators, Harry Goodman, A. B. Schaffner and A. L. Schwartz.

Fraternal Publishing Company, Milwaukee, Wis.—No capital stock. Incorporators, T. W. Newman, F. O. A. Howlett, H. W. Stecher and William F. Sell.

Courier Publishing Company, Atlantic City, N. J.—Capital stock, \$20,000. Incorporators, W. F. McCully, Absecon, N. J.; Hugh Donnelly and Charles F. Ettl, Philadelphia.

Freight Publishing Company, Jersey City, N. J.—Capital stock, \$125,000. Incorporators, H. W. Cullen, A. Parks, Charles Larisch, Richard F. Tully and Henry A. Bingham.

States Publishing Company, Louisville, Ky.—Capital stock, \$20,000. Incorporators, Benjamin La Bree, 498 shares; J. A. Stewart, 499 shares; J. D. Augustus, three shares.

William E. Ruge Company, Blue Point, N. Y.—Stationer and printer. Capital stock, \$100,000. Directors, Ferdinand J. Coutiere, of Brooklyn, New York, and Wm. E. Ruge and John G. Ropes, of Englewood, N. J.

Publishers' Color Company, New York—To publish magazine sections in color. Capital stock, \$50,000. Directors, Joseph V. Sloan and A. B. Woodward, of New York, and R. N. Asterley, of Brooklyn, New York.

Osteen Publishing Company, Sumter, S. C.—Capital stock, \$15,000. Directors, C. P. Osteen, president; N. G. Osteen, vice president; N. G. Osteen, Jr., secretary and treasurer; H. P. Osteen, J. H. Levy, Abraham Ryttenburg and I. C. Strauss.

High Water in the Fox River.

[FROM OUR REGULAR CORRESPONDENT.]

APPLETON, Wis., October 31, 1904.—There is no particular change in the water power situation on the Fox River. The water is high, and everybody is drawing as much as he can use. The level of the lake is rising gradually in spite of the amount of water taken out. On the Wisconsin River the water also continues high, but the flood conditions have considerably subsided and there is no further apprehension from this source. FOX RIVER.

Strike at a Paper Mill.

[SPECIAL CORRESPONDENCE OF THE PAPER TRADE JOURNAL.]

BERLIN, N. H., October 31, 1904.—The plant of the International Paper Company here was shut down today on account of a strike. The union recently laid a number of minor grievances before the management, and some ill feeling was caused by the discharge last week of two workmen who are members of the union. About 600 men are idle.

It's "It."

The National Paper Company, St. Louis, Mo., writing as to Lockwood's Directory for 1905, says: "Directory received. It's 'It.'"

WATEROUS ENGINE WORKS CO., Ltd.

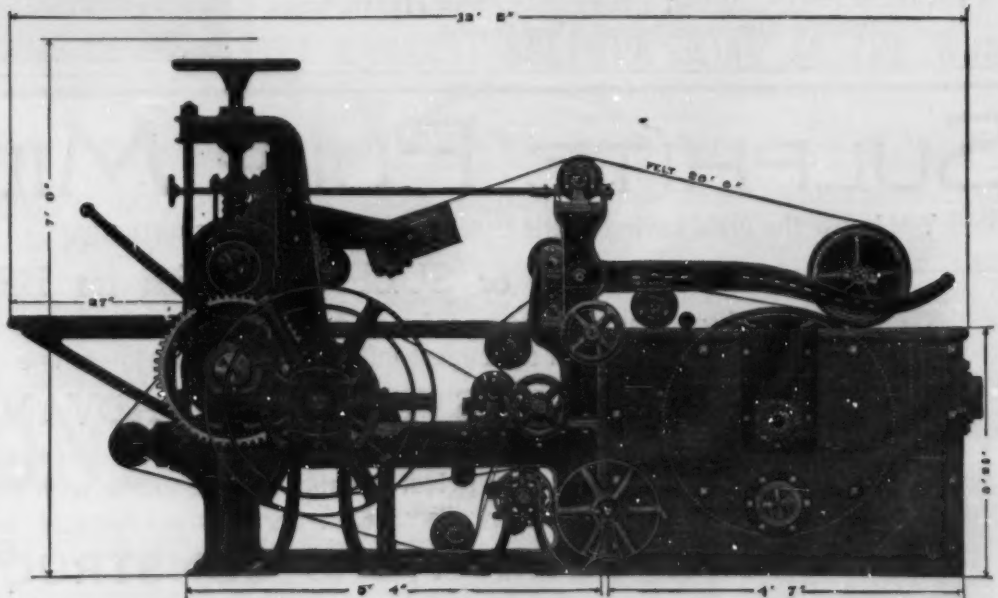
Brantford, Canada.

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Manufacturers of

The Success Screens,
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Wet Machines,
Chippers, Barkers,
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WET MACHINE.

The Sandy Hill Iron & Brass Works,

SANDY HILL, N. Y.,

— BUILDERS OF —

Cylinder and Fourdrinier Paper Machines.



NOTWITHSTANDING the fact that, without exception, all manufacturers of other types of screens, as well as parties adversely interested, seem to consider it a part of their sacred duty to make all the false statements possible regarding the efficiency and desirability of the CENTRIFUGAL SCREEN, our sales of said CENTRIFUGAL SCREENS—of which we are the sole manufacturers—continue to be on the increase and very gratifying; the duplicate sales, of which there are many, are of course especially gratifying to us. We have made recent shipments of the CENTRIFUGAL SCREEN, as follows:

- | | |
|---|----------------------------|
| PETOSKEY FIBRE PAPER Co., Petoskey, Mich., | . 1 screen. |
| DUNCAN Co., Mechanicsville, N. Y., | . 3 screens. |
| HARTJE PAPER MFG. Co., Steubenville, Ohio, | . 1 screen. |
| ALLEN BROS. Co., Morrisonville, N. Y., | . 1 screen (sixth order). |
| EASTERN MFG. Co., South Brewer, Me., | . 1 screen. |
| IMPERIAL PAPER MILLS, Sturgeon Falls, Ont., | . 1 screen (second order). |
| REMINGTON-MARTIN Co., Norfolk, N. Y., | . 1 screen. |
| RHINELANDER PAPER Co., Rhineland, Wis., | . 1 screen. |
| WILLAMETTE PULP & PAPER Co., Oregon City, Ore., | . 3 screens. |
| W. D. BOYCE PAPER MILLS, Marseilles, Ill., | . 1 screen (second order). |

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Patentees and Sole Manufacturers,

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Builders of Pulp and Paper Mill Machinery.

THE J. H. HORNE & SONS CO., Lawrence, Mass.

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EXTRA HEAVY

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OUR NEW BOX PATTERN FRAME

Is Especially Designed for Fast Running Machines.



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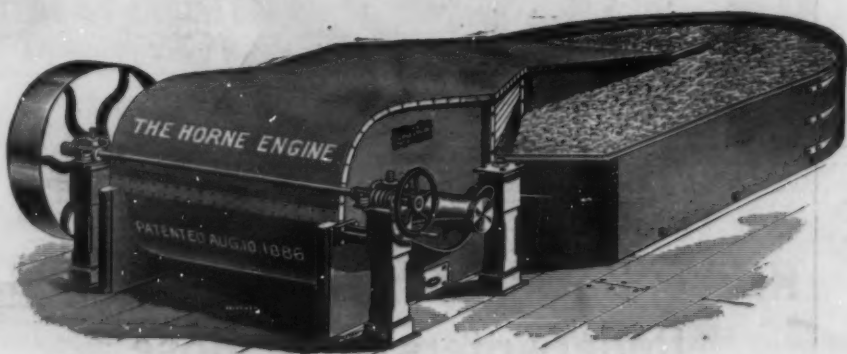
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IS FAST

REPLACING

ALL

OTHER MAKES.



THE IMPROVED "HORNE" ENGINE. PATENTED AUGUST 10, 1886.

JEFFREY

Elevators, Conveyors,

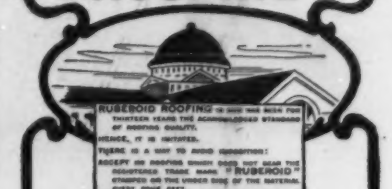
FOR PULP, PAPER AND STRAW BOARD MILLS.



Showing portion of equipment recently adopted by the LAFAYETTE BOX BOARD COMPANY, Lafayette, Ind. CATALOGUES POSTPAID.

THE JEFFREY MFG. COMPANY, Columbus, Ohio, U. S. A. New York, Pittsburg, Chicago, Denver, Charleston, W. Va.

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RUBEROID ROOFING is "ABOVE ALL THINGS," ECONOMICAL, NOT ONLY IN PRICE BUT IN COST OF APPLICATION AND MAINTENANCE. IT OUTWEARS ALL OTHER ROOFINGS. WATER AND WEATHER PROOF, GAS AND FUME PROOF. PECULIARLY A MILL ROOFING. SEND FOR SAMPLES. THE STANDARD PAINT CO., SOLE MANUFACTURERS, 100 WILLIAM STREET, NEW YORK.

NEXT WEEK'S RUN.

What Specialty and Color Mills Will Make During the Week Beginning November 7—Dealers Can Shape Orders Accordingly.

Following are the runs which will be made by the mills named during the week beginning November 7:

ANTI-RUST TISSUE.

Lambertville Paper Company, Lambertville, N. J.

BOND.

Hammermill Paper Company, Erie, Pa.—White.
Peninsular Paper Company, Ypsilanti, Mich.—White.

BAG.

Maumee Paper Company, Maumee, Ohio.—Red sugar.

CASH REGISTER.

Fort Orange Paper Company, Castleton, N. Y.—White and colored.

COVER.

American Writing Paper Company, Crocker Manufacturing Company Division, Holyoke, Mass.—Standard covers in silver gray, dark tea, tea, blue granite, cherry and apple green. Elite covers in Royal Worcester. Paradox covers in Du Barry red.

Maumee Paper Company, Maumee, Ohio.—Superior in light blue and Fort Meigs in moss, primrose and pink.

McDowell Paper Mills, Manayunk, Pa.—Special covers in brown, old gold and blue.

Niagara Paper Mills, Rockport, N. Y.—Homespun covers.

Peninsular Paper Company, Ypsilanti, Mich.—S. & S. C. covers in Victoria green and dark green. Orchid covers in thistle. Onimbo covers in sea green. Ornithoid covers in chickadee. Highlight covers in dark gray.

FLAT WRITING.

Peninsular Paper Company, Ypsilanti, Mich.—Laid in dark green and light green.

IMITATION PARCHMENT.

Ypsilanti Paper Company, Ypsilanti, Mich.—Parchmentine in natural, 24x36—25.

LINEN.

Hammermill Paper Company, Erie, Pa.—White.

LEDGER.

Hammermill Paper Company, Erie, Pa.—White.

MANILA TISSUE.

Lambertville Paper Company, Lambertville, N. J.—No. 1 pure jute.

MASK.

Maumee Paper Company, Maumee, Ohio.—Gray.

MILL WRAPPERS.

Maumee Paper Company, Maumee, Ohio.—Gray, blue and green.

PATTERN.

Maumee Paper Company, Maumee, Ohio.—Black.

SILK WRAPPERS.

Fort Orange Paper Company, Castleton, N. Y.—Buff and white, and blue and white.

SUPERFINE.

Hammermill Paper Company, Erie, Pa.—White.

Specialty mills are invited to make their announcements regularly in this department. Letters containing the necessary information should reach us not later than Wednesday morning of each week.

Paper Mill Warehouse Burned.

[SPECIAL CORRESPONDENCE OF THE PAPER TRADE JOURNAL.]

KANSAS CITY, Mo., October 29, 1904.—The warehouse of the Kansas City Star paper mill, located at Guinotte street and Woodland avenue, was totally consumed by fire this morning between 2:45 and 4 o'clock.

In the warehouse were pulp and finished paper to the value of \$75,000, \$55,000 of which will be a total loss.

By the early arrival of the fire apparatus from No. 20 fire station, near Heim's brewery, the entire plant was saved from total loss.

During the entire forenoon the firemen remained at the scene and kept the water on the flaming paper. All that could be done was to keep the fire from the main building and haul away what could be saved from the encroachments of the flames.

The exact cause of the fire may never be known, but according to the statement of Alex Henderson, assistant chief of the fire department, the night watchman, Joseph Saunders, is held to be partially to blame. It is alleged that he was careless with his lantern. He was discharged immediately after the arrival of the management upon the scene and an inquiry was made into the cause of the conflagration.

The warehouse itself is insured for about \$2,000. During the entire day the paper and pulp continued to burn, and the efforts of the firemen were confined to keeping the flames from spreading. The machinery in the plant was not damaged.

Coating Paper Plant for Buffalo.

[SPECIAL CORRESPONDENCE OF THE PAPER TRADE JOURNAL.]

BUFFALO, N. Y., October 31, 1904.—It was announced today that negotiations have progressed to a point which assures for Buffalo a new industry.

This new concern, the Buffalo Coated Paper Company, is organized to make coated lithographic paper. The concern is capitalized at \$180,000, of which a large part is the investment of New England men, notably Josiah Quincy, formerly mayor of Boston, but the controlling interest will be held here in Buffalo.

This investment includes the purchase of the right in the United States to the use of the secret process of coating paper invented by Charles T. Seaverns, a Boston chemist. The process has been in practical operation at Holyoke, Mass., and the plant at that place will be moved to Buffalo, and will be in operation here within the next sixty days.

Another part of the capital stock represents the purchase price of the new stone building on the Lackawanna tracks in Kensington, which was built a few years ago for the United States Tube Company. The precise amount paid for the building is not stated, but is said to be in the neighborhood of \$50,000.

The building which will house the plant in Buffalo will allow of the expansion of the plant to sixteen machines.

"The main reason for the establishment of this enterprise in Buffalo," said Austin K. Muzzey, of this city, who financed the undertaking, "is the fact that the lithographers of Buffalo and Rochester alone use \$1,000,000 worth of coated paper every year. Therefore a concern located in this city will have a great advantage over more remote competitors in the matter of freight rates. On the other hand the rates for shipment of raw paper to Buffalo are very reasonable. The Buffalo lithographers have said they would welcome the establishment of such a plant in Buffalo, and that if the product we turn out is as good as that which has already been turned out by the same plant they would be glad to buy it of us."

Accidentally Shot While Hunting.

NYACK, N. Y., November 1, 1904.—Louis Stark, superintendent of the Mittag & Volger carbon paper mills at Park Ridge, N. J., was accidentally shot and killed by Frank O. Mittag at Pearl River this afternoon while they were hunting.



FRANKLIN H. KALBFLEISCH CO.

31, 33 and 35 Burling Slip, NEW YORK.

MANUFACTURERS OF

Alum, Aluminum Sulphate

AND HEAVY CHEMICALS

FOR THE PAPER TRADE.

ALUM for Sizing.

ALUM for Colors.

ALUM for Filtering.

CRYSTAL ALUM—LUMP and GROUND.

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TELEPHONE: 5320 Jobs, New York.

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126 Mutual, Erie, Pa.

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Monthly Price Lists of Chemicals sent on application.

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18 Vesey Street, New York.



WE MAKE A SPECIAL FEATURE OF

PRESS, COUCH, SIZE AND SQUEEZE

Rolls for Paper Makers' Use.

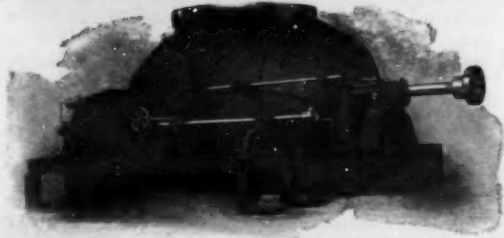


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Rubber Belting, Packing, Gaskets and Underwriters' Fire Hose.

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4,000 H. P., 72 ft. head, arranged to drive generator and a single turbine to drive exciter. Five settings built for the Hudson River Water Power Company's Spier Falls plant and 14 pairs 51 inch for their plant at Mechanicsville, N. Y.

Write for Catalogue, if contemplating purchase of Turbines.

S. MORGAN SMITH CO.
176 Federal St., Boston, Mass. York, Pa., U. S. A.

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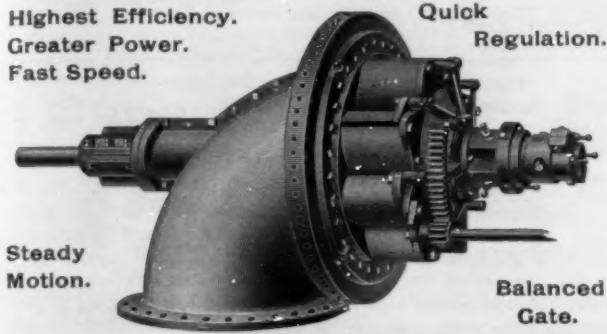
for the establishment of paper and pulp mills and allied trades and industries is in the South, and we can prove it.

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This and other handsomely illustrated literature, with lists of orange and grape fruit groves, banana and pineapple plantations, farm, fruit and truck lands available for purchase in the Land of Manatee and other portions of the South, sent free on request.

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General Industrial Agent,
Portsmouth, Virginia.
SEABOARD AIR LINE RAILWAY.

Highest Efficiency.
Greater Power.
Fast Speed.



Quick Regulation.

Steady Motion.

Balanced Gate.

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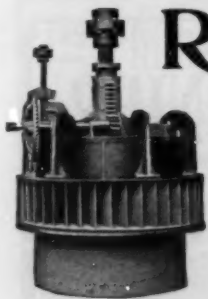
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Iron and Brass Founders,
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**RISDON CELEBRATED TURBINE
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On Horizontal or Vertical Shafts.

These Turbines are recognized as the most effective Water Wheels made. Your inquiries should come direct to us for this class of machinery.



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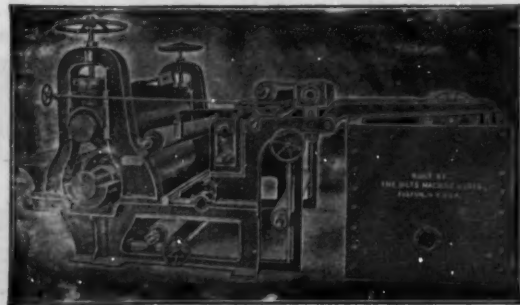
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Power Reels with Slitters, Flint Machines, Brush Cleaners, Straining Machines, Improved Slitting and Rewinding Machines, Drum Winders, Slitter and Circular Knife Grinders, Improved Top and Bottom Slitters, Slitter Blades, Circular Knives and Rotary Cutters of every Description. Trucks of every Description. Send for Catalogue of Specialties we make.
IMPROVED WIRE SPOOLING MACHINE FOR WIRE AND WIRE CLOTH MANUFACTURERS.

LATEST AND GREATEST



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Battle Island Paper Co.
Bayless Pulp & Paper Co.,
Chicoutimi Pulp Co.,

about our latest

WET MACHINE.

It's the best on the market.

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PULP GRINDERS, WET MACHINES, BEATING ENGINES, ETC.

The **PRICE**

of **SULPHITE MILL EQUIPMENT** does not always measure its value. The cost is the least important item; **ECONOMY** in operation, **EFFICIENCY** and **DURABILITY** determine its true value.

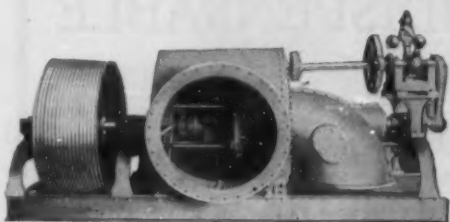
THE STEBBINS ACID SYSTEM

produces the most efficient acid, with a guaranteed consumption of less than 290 pounds of sulphur and 180 pounds of lime per ton, high class production. This saving alone pays for its installation in a short time.

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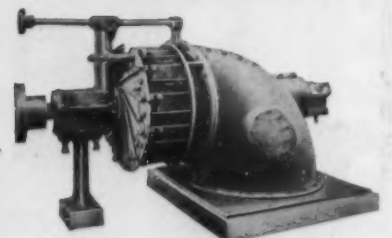
Digester Linings, Rotary Sulphur Burners, Reclaimers and complete equipment for Pulp and Paper Mills.

STEBBINS ENGINEERING AND MFG. CO., PAPER and PULP MILL ENGINEERS and ARCHITECTS
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SAMSON TURBINE

FORTY-ONE YEARS in this business as a specialty should give us a pretty good idea as to what is demanded of a turbine. We have given the subject most careful study. We have constantly added improvements to our turbines. The SAMSON embraces all the latest improvements.



Write Department "BB" for Catalog.

The James Leffel & Co., SPRINGFIELD, OHIO, U. S. A.

LOW WATER WILL NOT INTERFERE

The Kimberly & Clark Company Introduces a Novel Feature in the Equipment of Its New Mill at Kimberly—Crude Oil to Furnish Power.

[FROM OUR REGULAR CORRESPONDENT.]

APPLETON, Wis., October 31, 1904.—One of the novelties in the equipment of the new book paper mill of the Kimberly & Clark Company, which is now under construction at Kimberly, will be the installation of five Diesel engines of an aggregated capacity of 1,000 horse power. So far as known this is the first application of the Diesel engine to the paper making business. At Kimberly these engines will be installed as auxiliary to the water power, and it is expected that they will be operated only during times of low water. The Diesel engine is very expensive in first cost, but after that is extremely economical. It is an internal combustion motor, and no boiler plant or boiler buildings are required, and the labor needed in looking after the engines while they are in operation is extremely small in quantity. The Diesel engine burns crude oil, and it is claimed that with oil at 3 cents per gallon 10 gallons of oil will produce 100 kilowatt hours of electrical energy at the switchboard, corresponding to a cost of three-tenths of a cent per kilowatt.

It is the plan of the Kimberly & Clark Company to operate a great deal of the machinery at the new book mill by electricity, and an order for the generators and motors has been placed with the General Electric Company. It is understood that the order specified some fifty motors. In order to provide power from the river the ground wood department is being dismantled, or more correctly speaking,

the grinders are being removed, and the water power, amounting to about 1,500 horse power, which has been used at the pulp mill will be converted into electricity by two large generators and conveyed to the new book mill wherever it may be needed. It is not the intention to operate all the machinery by electricity. The beaters will be driven in the usual way by water power and the paper machines will probably be steam engine driven, but almost everything else will be operated by individual electric motors. It is going to be the effort of the Kimberly & Clark Company to make this the finest book mill in the United States, and to this end no pains or expense will be spared.

FOX RIVER.

W. H. Parsons Presents Municipal Hall.

RYE, N. Y., November 1, 1904.—In order to celebrate his election as the first president of the new village of Rye, William H. Parsons, of W. H. Parsons & Co., New York, has offered the Haviland Inn, the oldest hotel in Westchester County, to the village for a municipal hall.

The inn stands in the middle of the village square, and was recently purchased by Mr. Parsons and his brother, John E. Parsons, and Howard Whittmore. It was known as a tavern as early as 1750. Washington stopped there one night while on his way to the battle of Horseneck. General Lafayette was also entertained at the old hostelry.

Quatsino Pulp and Paper Company.

[SPECIAL CORRESPONDENCE OF THE PAPER TRADE JOURNAL.]

VICTORIA, B. C., October 18, 1904.—The members of the survey party sent out by the Quatsino Pulp and Paper Company returned yesterday on the Queen City, their work

for the year having been brought to a close by the commencement of the wet season. The party numbered thirty-six men under the direction of Mr. McGregor.

The water power available has been estimated by Mr. Colby, of Boston, who has an international reputation for this class of engineering, and who was brought out by the company to report on the matter, at 14,000 horse power. This will be sufficient for the company to operate on the large scale intended.

The undertaking is now in the hands of Eastern capitalists who will erect a paper as well as a pulp mill. These capitalists, who are represented in Seattle by Mr. Moore, are much impressed with the good work being done by the Provincial Government in encouraging industry and they say that since the present Government has come into power British Columbia is thought a great deal more of than was formerly the case, as it is considered that the province has stable government.

The company already has expended \$20,000 at Quatsino and this, of course, is a small proportion of the expenditure to be made on the erection of mills, &c.

Plans for the pulp mill have been completed and those for the paper mill are being prepared.

The Bristol Paper Company.

BRISTOL, N. H., October 31, 1904.—The Bristol Paper Company has in contemplation in the near future a large addition to its paper mill which will involve the outlay of a good many thousand dollars and largely increase the capacity of the mill. For this reason an article has been inserted in the warrant for the coming town meeting to see if the town will vote to exempt the additional property from taxation for a term of ten years.

MERIT WINS.
Fourteen years ago
The Cross Oil Filter
was placed upon the market. To-day it is the adopted oil filter of nine governments. It is used the globe over and is the world's standard method of filtering and purifying lubricating oils.

The Cross Oil Filter
will save one-half the cost of oil. To prove all we claim for the filter we send it on thirty days' approval. "The Cross Oil Filter will soon pay for itself and be a money saver right along."—HARRISBURG FOUNDRY AND MACHINE WORKS, Harrisburg, Pa.

The Burt Mfg. Co.
Largest Mfrs. of Oil Filters in the World.
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Akron, Ohio, U. S. A.
Also supplied by Oil Companies, Engine Builders and Power Contractors.

BEFORE BUYING
A
Tank
AND **Tower**

BE SURE THAT THE MAKER IS RELIABLE. ONE WAY TO ASSURE YOURSELF IS TO VISIT OUR PLANT.

Nobody who does will ever buy from another manufacturer. Our Catalogue is the next best substitute for such a visit.

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The W. S. Tyler Company
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Cylinder Faces and Washer Wires.

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HEAVY PAPER MILL WORK
A SPECIALTY.
OUR AIR DRIED CYPRESS IS REMARKABLE FOR ITS GREAT DURABILITY.

We handle Cypress and Yellow Pine from the Stump and have twenty million feet seasoning.

THE A. T. STEARNS LUMBER CO.
125 Taylor St., Neponset, Boston, Mass.




"THE REEVES" VARIABLE SPEED TRANSMISSION.

It is not an experiment.
It is not a luxury.
It is not complicated.
It is not expensive.

IT IS INDISPENSABLE
where the greatest output and best quality are demanded on a paper mill.

Send for Catalogue.

REEVES PULLEY CO.
Columbus, Indiana.



The Reeves Variable Speed Transmission driving the 122 inch machine in the Lafayette Box Board & Paper Co.'s Mill.

Appleton Woolen Mills,

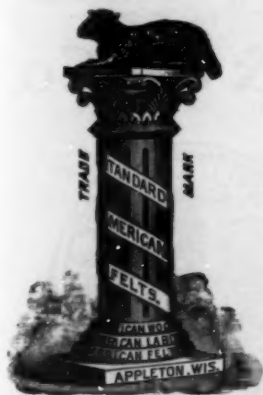
APPLETON, WIS.

MANUFACTURERS
OF

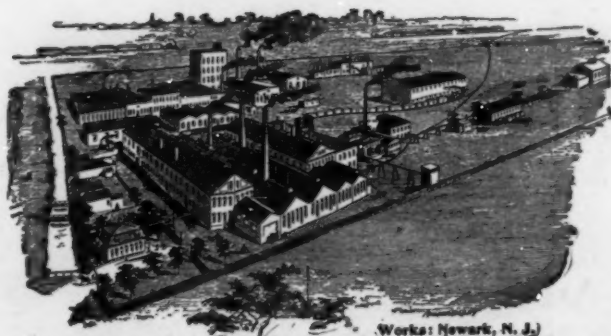
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FELTS and
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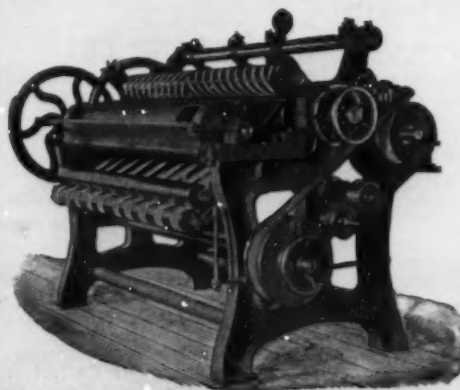
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Single,
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Cutter Knives.

PATENT TOP SLITTERS.

HAMBLET MACHINE CO.
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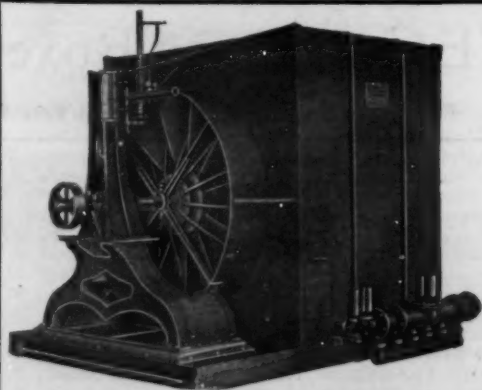
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Samples furnished upon application. Prompt shipment of orders guaranteed. Contracts made for specified deliveries to suit buyers.

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successfully accomplished by the

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FANS AND BLOWERS
FOR ALL PURPOSES.

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**YOU CAN SAVE
MONEY**

BY USING

**"STEEL MIXTURE"
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AND FIRE BOX BLOCKS
TONGUED AND GROOVED**



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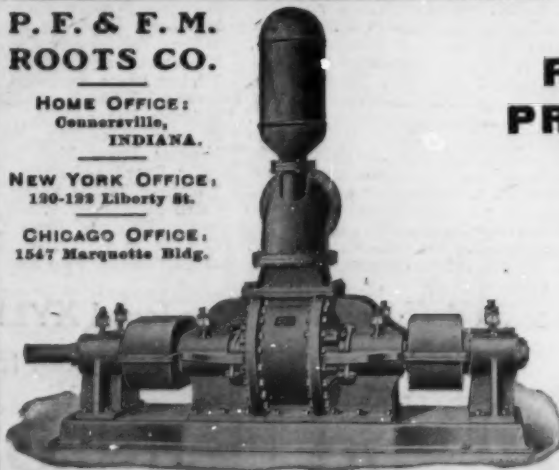
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TROY, N. Y., U.S.A.

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POSITIVE
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PUMPS
FOR
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G. B. STOCK

XYLITE

ESTABLISHED BY G. B. STOCK AT FRANKLIN VENANGO COUNTY, PA., IN 1862.

Grease & Oil Co.



Two machines equipped with XYLITE Grease and BOXES at the Imperial Paper Mills, Sturgeon Falls, Ont.



There are 1,144 paper mills in the United States. Over 750 of them use XYLITE Grease on their machinery. A glance at the letters on the opposite page will show what it does and what the mill men think of it.

A Partial List of the Mills Using Our XYLITE Grease and Boxes

| | | |
|---|---|---|
| Albia Box and Paper Co.....Cohoes, N. Y. | Gilbert, F., Paper Co.....Waterford, N. Y. | Oxford Paper Co.....Rumford Falls, Me. |
| Aldrich Paper Co.....Natural Dam, N. Y. | Glatfelter, P. H., Paper Co.....Spring Forge, Pa. | Passumpsic Fibre Leather Co.....Passumpsic, Vt. |
| Alexandria Paper Co.....Alexandria, Ind. | Granby Paper Co.....Fulton, N. Y. | Patten Paper Co.....Appleton, Wis. |
| Allen Bros. Co.....Sandy Hill, N. Y. | Great Northern Paper Co.....2 Plants | Peninsular Paper Co.....Ypsilanti, Mich. |
| American Straw Board Co.....17 Plants | Grove Mills Paper Co.....Newburgh, N. Y. | Penobscot Chemical Fibre Co.....Great Works, Me. |
| American Wood Board Co.....Schuylerville, N. Y. | Hartford City Paper Co.....Hartford City, Ind. | Poland Paper Co.....Poland, Me. |
| American Writing Paper Co.....21 Plants | Haverhill Box Board Co.....Haverhill, Mass. | Pownall Paper Co.....Hoboken, N. J. |
| Androscoggin Pulp Co.....4 Mills | Henry, J. E., & Sons.....Lincoln, N. H. | Racquette River Pulp and Paper Co.....Potsdam, N. Y. |
| Arlington Paper Co.....Salisbury, N. Y. | Hoberg, John.....Green Bay, Wis. | Rankin, W. H.....Elizabeth, N. J. |
| Atlas Paper Co.....Appleton, Wis. | Hoboken Paper Co.....Hoboken, N. J. | Raymondville Paper Company.....Raymondville, N. Y. |
| Barrett Mfg. Co.....Beloit, Wis. | Hollingsworth & Whitney Co.....5 Plants | Remington-Martin Co.....Norfolk, N. Y. |
| Belgo-Canadian Paper Co.....Shawinigan Falls, P. Q. | Imperial Paper Co.....Sturgeon Falls, Canada | Riordon Paper Mills, Ltd.....Merritton, Ont. |
| Bird, F. W., & Son.....East Walpole, Mass. | Interlake Pulp Co.....Appleton, Wis. | Riverside Fibre and Pulp Co.....Appleton, Wis. |
| Boyce, W. D., Paper Mills.....Marseilles, Ill. | International Paper Co.....29 Plants | Royal Paper Co.....East Angus, P. Q. |
| Boehme & Rauch Cordage Co.....Monroe, Mich. | Jackson Paper Mill.....Jackson, Mich. | St. Regis Paper Co.....Deferiet, N. Y. |
| Brompton Pulp and Paper Co.....Brompton Falls, P. Q. | Jefferson Board Mills.....Dexter and Black River, N. Y. | Schroon River Pulp and Paper Co.....Warrensburg, N. Y. |
| Brown, L. L., Paper Co.....Adams, Mass. | Jersey City Paper Co.....Jersey City, N. J. | Schuylerville Paper Co.....Schuylerville, N. Y. |
| Burgess Sulphite Fibre Co.....Berlin, N. H. | Kalamazoo Paper Co.....Kalamazoo, Mich. | Sherman & Co.....Belfast, Me. |
| Bryant Paper Co.....Kalamazoo, Mich. | Keystone Mills.....Upper Darby, Pa. | Skaneateles Paper Co.....2 Mills |
| Canada Paper Co.....Windsor Mills, P. Q. | Kimberly & Clark Co.....7 Plants | Smealie, P. H., & Co.....Amsterdam, N. Y. |
| Carthage Tissue Mills.....Carthage, N. Y. | King Paper Co.....Kalamazoo, Mich. | Smith Paper Co.....5 Mills |
| Champion-International Paper Co.....Lawrence, Mass. | Knerr, Louis, Paper Co.....Kokomo, Ind. | Spaulding Bros. Co.....3 Mills |
| Chase Felt and Paper Co.....Cly, Pa. | Kokomo Paper Co.....Kokomo, Ind. | Stevens & Thompson Co.....4 Mills |
| Chemical Paper Co.....Holyoke, Mass. | Lafayette Box Board and Paper Co.....Lafayette, Ind. | Superior Paper Co.....Kalamazoo, Mich. |
| Chicago Coated Board Co.....Chicago, Ill. | Lambertville Paper Co.....Lambertville, N. J. | Taggarts Paper Co.....Felts Mills and Great Bend, N. Y. |
| Cliff Paper Co.....Niagara Falls, N. Y. | Lang, John, Paper Co.....Philadelphia | Telulah Paper Co.....Appleton, Wis. |
| Combined Locks Paper Co.....Combined Locks, Wis. | Laurentide Paper Co., Ltd.....Grand Mere, P. Q. | Thilmany Pulp and Paper Co.....Kaukauna, Wis. |
| Cushnoc Paper Co.....Augusta, Me. | Lincoln Paper Mills, Ltd.....2 Mills, Merritton, Ont. | Three Rivers Paper Co.....Three Rivers, Mich. |
| Dalton Paper Co.....Fitzdale, Vt. | Lockport Paper Co.....Lockport, N. Y. | Toronto Paper Co.....Cornwall, Ont. |
| Dexter, C. H., & Co.....Windsor Locks, Conn. | McDowell Paper Co.....Manayunk, Pa. | Train, Smith Co.....Bristol, N. H. |
| Diamond Mills Paper Co. (2 mills).....Saugerties, N. Y. | Marinette and Menominee Paper Co.....Marinette, Wis. | Uncas Paper Co.....Norwich, Conn. |
| Dominion Paper Co.....Canada | Marion Paper Co.....Marion, Ind. | Union Bag and Paper Co.....15 Plants |
| Duncan Paper Co.....Mechanicville, N. Y. | Maumee Paper Co.....Maumee, Ohio | Union Mills Paper Mfg. Co.....New Hope, Pa. |
| Eastern Straw Board Co.....Versailles, Conn. | Menasha Paper Co.....Menasha, Wis. | Union Waxed and Parchment Paper Co.....4 Mills |
| Edwards Mfg. Co.....Port Edward, Wis. | Merrimac Paper Co.....Lawrence, Mass. | United Box Board and Paper Co.....48 Plants |
| Elkhart Paper Co.....Elkhart, Ind. | Michigan Sulphite Fibre Co.....Port Huron | United States Board and Paper Co.....Carthage, Ind. |
| Esleeck Paper Co.....Turners Falls, Mass. | Middlesex Paper Co.....Somerville, Mass. | Vieths Paper Co.....Marion, Ind. |
| Evansville Paper Mills.....Evansville, Ind. | Millers Falls Paper Co.....Millers Falls, Mass. | Walker, J. R., & Co.....Montreal, P. Q. |
| Falls Mfg. Co.....Oconto Falls, Wis. | Mishawaka Paper Co.....Mishawaka, Ind. | Walloomsac Paper Co.....Walloomsac, N. Y. |
| Fisk Paper Co.....Hinsdale, Vt. | Nashua River Paper Co.....East Pepperell, Mass. | Warren Mfg. Co.....2 Mills |
| Fletcher Paper Co.....Alpena, Mich. | National Fibre Board Co.....4 Mills | Warren, S. D., & Co.....Cumberland Mills, Me. |
| Fort Orange Paper Co.....Castleton, N. Y. | Nekoosa Paper Co.....Nekoosa, Wis. | Wausau Paper Co.....Brokaw, Wis. |
| Fox Paper Co.....Crescentville, Ohio | Newton Paper Co.....Holyoke, Mass. | Watson Paper Co.....Erie, Pa. |
| Fox River Paper Co.....Appleton, Wis. | Niagara Paper Mills.....Lockport, N. Y. | Weeks, C. G.....2 Mills |
| Franklin Paper Mills.....Swarthmore, Pa. | Niles Board and Paper Co.....Niles, Mich. | West End Paper Co.....Carthage, N. Y. |
| Frost Paper Co., L. L.....Norwood, N. Y. | Northern Tissue Paper Mills.....Green Bay, Wis. | Wisconsin River Pulp and Paper Co.....Stevens Point, Wis. |
| Gardner, Colin, Paper Co.....Middletown, Ohio | Odell Mfg. Co.....Groveton, N. H. | York Haven Paper Co.....York Haven, Pa. |
| Garrett, C. S., & Co.....Philadelphia, Pa. | Orono Pulp and Paper Co.....Orono, Me. | Ypsilanti Paper Co.....Ypsilanti, Mich. |
| Genesee Paper Co.....Rochester, N. Y. | Orr Paper Co.....Troy, N. Y. | |
| Gibson Paper Co.....Kalamazoo, Mich. | Oswego Falls Pulp and Paper Co.....Fulton, N. Y. | |

Since all the above mills have found XYLITE the best Lubricant for Paper Mill Machinery why not try it in your mill?

Factory and Head Office, Port Huron, Mich.

This is NOT what we have to say, but what OUR CUSTOMERS say about us. IT IS WORTH YOUR WHILE TO READ IT.

C. CHASE EASTLACK, President.

E. K. OWEN, Vice Pres. and Treas.

C. G. SHENBERGER, Secretary.

The Chase Felt & Paper Co., Roofing Felts and Rosin Sized Sheathings,

SHIPPING POINT, YORK HAVEN, YORK CO., PA.

OFFICE AND MILL,

City, York Co., Pa., August 15th 1904

The G.B. Stock Xylite Grease & Oil Co Port Huron Mich.

Gentlemen:-

In April last your Mr Oldham installed your Grease boxes on our Paper Machine and Beaters and filled them with your Xylite Grease, and since that time we have never renewed the grease nor tampered with the boxes in any way, any more than to examine them from time to time to see how the Bearings were. We can say to you with confidence and pleasure that the grease is the best we ever used, and we have figured that the saving to us is at least 70 % over what we were using previous to the installing of your Grease.

Our object in writing the above is simply to tell the truth regarding the very best Grease we have ever used, and our mill is always open for any one interested to look it over without any fear of adverse criticism.

Thanking you for introducing your Grease to us, and with best wishes for the success of your business, we are

Yours very truly

The Chase Felt & Paper Co C.C. Eastlack President

GEORGE G. MOSS, President, WALLACE I. KEEP, Sec. and Treasurer, JOHN JACK, Superintendent.

Office of

Lischport Paper Company,

Mr. F. A. Halsted, Port Huron, Mich.

Lischport, N. Y., June 29th, 1904.

Dear Sir,-

Your favor to hand making inquiry as to how we were getting along with the Xylite grease, I beg to say in reply that it has far exceeded my expectations as you know I was not favorably inclined to have it go on at first, but knowing some of the parties as I did, who was using it, I decided to have you put it on the bearings if our manager was agreeable, which he at once decided to give it a trial. I am pleased to say it does more for us than you claimed for it and it surpasses any thing I have ever seen used as a lubricant on paper mill machinery. The manager says he has made a contract with your house to supply us for some time which I am pleased to know, for in our case it cuts off a heavy rabbit metal bill besides saving of Sunday work.

Wishing you every success, I am

Respectfully yours,

Wm Hardiman, Mechanical Supt.



FORT EDWARD MILL

International Paper Company 30 Broad Street New York

Fort Edward, N. Y., April 25, 1902.

This is to certify that in a series of tests made between Xylite Lubricating Compound and Oil on a 96" Pusey & Jones machine, running 440 ft. per minute I find that the indicated H. P. under oil to be 207.29 Under Xylite Lubricating Compound 200.14 Horse Power in favor of Xylite Compound 7.15

This test was made by order of Mr. A. E. Parant, Supt. of this Mill.

Signed C.H. Busha Chief Engineer.

GREAT NORTHERN PAPER COMPANY,

Millinockett, Me. Aug. 6th, 1901.

This is to certify that in a competing test on a Rice Barton & Pales Paper Machine at the Great Northern Paper Co. mill here to show the frictional power between oils and the Stock's Improve Xylite Lubricating Compound, I find 11.83 horse power difference in favor of the Xylite Lubricating Compound, the minium horse power of engine being 100

26875 H.P. Paper Machine running with oil 25692 " " Xylite Lub. Comp 11.83 " " in favor of Lub Comp Chief Engineer: G.W. Miller C.E.

GREAT NORTHERN PAPER COMPANY,

MADISON MILL

G. B. Stock Xylite Grease & Oil Co Port Huron Mich.

MADISON, MAINE Apr. 9 '04

Gentlemen

We enclose signed contract for Xylite grease

John Tracy GREAT NORTHERN PAPER CO. BY [Signature] AGENT.

J. A. GUTTERSON, PRESIDENT; NEWBLDER, VICE PRESIDENT; H. CADWELL, SECRETARY; T. B. BALL, MANAGER

Champion Paper Company Manufacturers of Manillas

C.B. Stock Xylite Grease & Oil Co., Port Huron, Mich.

Carthage, N.Y. Sept 12, 1904.

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Yours very truly,

Dict. CHB.

CHAMPION PAPER COMPANY.

C. Burrows, Supt.

CABLE ADDRESS TRADERS LOCKPORT

TRADERS PAPER COMPANY

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Yours truly, By Augustus H. Ivins, Traders Paper Co. Division.

J. H. E.



The Paper Trade Journal.

ESTABLISHED 1872.
DEVOTED TO THE INTERESTS OF
THE AMERICAN PAPER TRADE.
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THE PAPER TRADE JOURNAL is the pioneer publication in its field and has for many years been the recognized Organ of the American Paper Trade. As a medium for reaching the trade in all its branches it is unapproached.

NEW YORK AND CHICAGO, THURSDAY, NOVEMBER 3, 1904

Western Office of "The Paper Trade Journal."

Subscribers and advertisers in the West should bear in mind that the Western office of THE PAPER TRADE JOURNAL is located at 936 Monadnock Building, Chicago. It is in charge of Mr. Evan Johnson, who will receive advertising and subscription orders and news items for the company's publications, all of which are kept on file. Visiting members of the trade are invited to make the office their headquarters.

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Nine Months' Foreign Business.

On page 5 we print the returns of imports and exports of paper, pulp, &c., for the month of September and for the nine months ended September 30, 1904, together with the returns for the corresponding periods last year, the figures being those prepared by the Department of Commerce and Labor. As has been the case for some time we increased both our imports and exports of paper, the encouraging fact being while in the nine months' period we increased our imports \$271,487, in the same time we increased our exports \$483,461. In September, 1903, we imported paper to the value of \$456,606 and in September, 1904, to the value of \$472,026. In the nine months ended September 30, 1903, we imported paper to the value of \$3,749,381 and in the nine months ended September 30, 1904, to the value of \$4,020,868, an increase of \$271,487. This increase was almost wholly in miscellaneous papers and was divided between all the various countries selling us paper, except France, which was the only country that reduced her account with us, her business in the nine months' period showing a loss of \$40,260.

In the nine months ended September 30, 1903, we exported paper to the value of \$5,394,789, and in the nine months' period ended September 30, 1904, to the value of \$5,878,250, an increase of \$483,461. The distribution of that paper was as follows:

| Exported to— | 1903. | 1904. |
|--|-------------|-------------|
| United Kingdom. | \$1,423,379 | \$1,820,738 |
| Belgium | 86,774 | 44,617 |
| France | 33,457 | 28,702 |
| Germany | 100,711 | 120,473 |
| Italy | 8,627 | 10,713 |
| Netherlands | 49,233 | 63,024 |
| Other Europe. | 70,336 | 37,397 |
| British North America. | 1,165,405 | 1,405,659 |
| Central American States and British Honduras. | 53,238 | 81,006 |
| Mexico | 296,823 | 409,512 |
| Cuba | 195,832 | 242,168 |
| Other West Indies and Bermuda. | 94,238 | 92,915 |
| Argentina | 82,682 | 121,888 |
| Brazil | 54,020 | 40,331 |
| Chile | 97,909 | 137,830 |
| Colombia | 43,923 | 25,949 |
| Venezuela | 17,425 | 27,189 |
| Other South America. | 58,310 | 74,931 |
| Chinese Empire. | 21,320 | 23,195 |
| British East Indies. | 35,199 | 36,985 |
| Japan | 280,055 | 117,214 |
| British Australasia. | 958,511 | 720,841 |
| Philippine Islands. | 71,327 | 76,341 |
| Other Asia and Oceania. | 23,709 | 18,981 |
| British Africa. | 67,977 | 92,671 |
| All other Africa. | 3,699 | 6,765 |
| Other countries. | 970 | 215 |
| Total | \$5,394,789 | \$5,878,250 |

This shows that we enlarged the volume of our business with the United Kingdom, Germany, Italy, Netherlands, British North America, Central America, Mexico, Cuba, Argentina, Chile, Venezuela, "Other South America," China, British East India, Philippines and British Africa, but we also made substantial losses in our trading with Belgium, France, Brazil, Colombia, Japan and British Australasia. This increased business was mainly in printing and writing papers. Of the former we exported 77,276,540 pounds, valued at \$2,211,583, in the nine months ended September 30, 1904, as against 72,326,366 pounds, valued at \$1,886,128, in the nine months ended September 30, 1903. Of writing papers we exported in the nine months ended September 30, 1903, \$579,851, and in the nine months ended September 30, 1904, \$722,232, a gain of \$142,381.

Providing Against a Dry Day.

Of late years particularly the paper and pulp manufacturer has learned by severe experience that the season of low water is one that calls for special facilities and equipment if the mill is to be kept in operation. Drought is an enemy of both the paper and pulp maker, and while it is advisable for people in other lines "to provide for a rainy day" one of the chief things now impressed on the mill man's mind is the precept to provide for a dry day.

So evident is that the mills operated by water power have put in auxiliary steam plants to be used in dry seasons, much to the financial advantage of the steam boiler

and engine manufacturers. This week we chronicle two new features of this phase of the situation.

In one case, that of the Remington-Martin Company, advantage is to be taken of the nearness of the great water power development at Massena, and provision is to be made to transmit to the company's mill, 10 miles distant, electrical power to operate pulp grinders, &c., at the time of low water, whenever that may occur.

In the other case the Kimberly & Clark Company, in rebuilding its book mill at Kimberly, has installed apparatus for burning crude oil for supplying power when the streams are low.

The fact is manufacturers realize that they cannot afford to be idle even in dry times, and they are alert to take advantage of every device or method that will avoid the necessity of shutting down when water is low. The East and the West are after the same result, but they are searching for it along different lines.

The Board Deal Closed.

The deal whereby the independent board manufacturers obtain control of all except five of the mills of the United Box Board and Paper Company was closed yesterday. This control was obtained by means of a lease running for six months, with an option of a further six months, the rental figure being \$450,000 a year, or \$112,500 in advance every three months.

The leasing proposition has been under discussion for some time and was formulated by O. C. Barber, president of the United Box Board and Paper Company. The board market was in a demoralized condition. The independent mills were not easy of control, and some of them were not under control at all. Various plans for bettering conditions were suggested and discussed, but none of them received the sanction of enough manufacturers to warrant their adoption. The "leasing down" plan, whereby the United was to lease the independent mills, was long considered, but failed to find enough supporters.

Then came Mr. Barber's proposition. It was not seriously regarded at first, but conferences were had with manufacturers in the East and West, and as a result of these the deal was closed yesterday.

The expectation is that the leasing of the mills and the placing of them under one control will bring about better conditions in the board market, including better prices. It is to be hoped that the expectation will be realized. At present the best board mills have a good supply of orders, and for that reason manufacturers will not at once benefit by any change in the price lists.

At a recent meeting of the Trades Council in Dublin a letter was read from W. & M. Taylor, of Francis street, tobacco manufacturers, in reply to a protest from the Trades Council against their placing orders for wrapping covers with a Scotch firm. Messrs. Taylor said they had bought this quality previously from a Saggart mill, which had, they regretted, been wound up. When they bought this sort from the wholesale merchants of the city they found it to be of German origin and they certainly preferred Scotland to that. "If the council would put them on the track of an Irish mill manufacturing this article they would certainly give old Ireland a chance." The chairman said the paper could be got from the Ballyclare Mills.

On page 22 of this issue of THE PAPER TRADE JOURNAL we print a story entitled "How Bill Anson Lost a Wire." It is a narrative that undoubtedly will be enjoyed by every man in every paper mill in the country. Some of them will probably say that there never was such a happening in actual life; but there are assurances that cannot be successfully denied that the wire was lost just as described. It is now in order for some one to relate "How the 164 inch Fourdrinier was lost, strayed or stolen," or "How the night watchman in a fit of absentmindedness carried off the six cylinder." If they will furnish the stories we will print them, provided they are true.

An investment in an immense lumber tract in the Toba Valley, British Columbia, which it is estimated will yield 600,000,000 feet of lumber, has been made by Ludington (Mich.) capitalists. The purchase includes nearly all the standing lumber in the Toba Valley. The purchase price with Crown dues, it is estimated, will amount to \$400,000. The Toba River is said to be a good logging stream, and booming rights at the mouth of the river, where a mill may be built and a landing place for large boats made, have been secured. The timber is fir, spruce and cedar.

TRADE PERSONALS.

ASHLEY.—E. A. Ashley, who has been on a two months' trip through the South for the Japanese Tissue Mills at South Hadley, Mass., left this week for a month's trip through the West. It is expected that he will go to the Pacific Coast.

BERTUCH.—Frederick Bertuch, of F. Bertuch & Co., of New York, is expected home this week from Europe, where he has been for the past two months.

BLANDY.—Isaac H. Blandy, of the Blandy Paper Company and several other paper making concerns of Schuylerville, N. Y., is the Democratic candidate for Congress from Washington and Rensselaer counties, New York.

BRADLEY.—Walter Bradley, of the Volney Paper Company, Fulton, N. Y., was among the visitors to the New York trade last week.

BURNETT.—C. M. Burnett, treasurer of the Keith Paper Company, Turners Falls, Mass., called on the Boston trade last week.

CAMPBELL.—F. J. Campbell, general manager of the Canada Paper Company, Montreal, visited the Toronto office this week.

DAGER.—F. W. Dager, who, with B. Frank Huntzinger and Harry Jacobs, constitutes the Paper Manufacturers Company, Philadelphia, is critically ill with abscess of the liver. Mr. Dager is widely known in the paper trade, principally because of his long connection with A. G. Elliot & Co. before he embarked on his own venture a year ago. Until a week ago hopes for his early recovery were entertained, but a change for the worse occurred and reports from the sick room are not encouraging.

DONOVAN.—H. P. Donovan, the manager of the Toronto branch of the Canada Paper Company, is spending a well earned holiday at the St. Louis Fair.

DOUGALL.—A. H. Dougall, Jr., purchasing agent for the American Straw Board Company and the United Box Board and Paper Company, New York, spent a part of last week in Boston.

FAIRBANKS.—Crawford Fairbanks, of Chicago, Ill., was in New York this week in conference with President Barber, of the United Box Board and Paper Company, over box board matters.

FISCHER.—D. Fischer, assistant treasurer of the Continental Paper Bag Company, New York, returned on Tuesday of this week from a short trip to Europe.

FOWLER.—George F. Fowler, of the Holyoke Glazed Paper and Card Company, Holyoke, Mass., was in New York last week for a short stay.

GILBERT.—Theo. W. Gilbert, of Neenah, is just finishing the construction of an addition to his residence, which increases its size about 50 per cent.

HASTINGS.—C. S. Hastings, president of the Genesee Paper Company, Rochester, N. Y., was in Boston on Saturday of last week.

HILLEGASS.—H. H. Hillegass, of the Hercules Paper Bag Company, Reading, Pa., secretary of the United States Paper Bag Manufacturers' Association, was in New York this week, attending a meeting of that association.

JACKSON.—Benjamin M. Jackson, of Linton Brothers & Co., Pawtucket, R. I., was among the trade representatives in Boston last week.

JACOBS.—O. S. Jacobs, of the Philadelphia Paper Manufacturing Company, Philadelphia, Pa., was again in New York this week, attending a meeting of board manufacturers.

JACOBS.—John Jacobs, of the Pioneer Paper Mill, West Milton, N. Y., called on his New York trade last week.

LYNCH.—Morris T. Lynch, manager of the New York office of the National Folding Box and Paper Company, attended the wedding last week of George West Mabee at Catskill, N. Y. Mr. Mabee is a director and assistant treasurer of the National.

MCQUILLEN.—William F. McQuillen, of the A. Storrs & Bement Company, Boston, has returned to his office duties after a three weeks' hunting trip in Maine.

MILLER.—Mr. Miller, of the Cheney-Bigelow Company, Springfield, Mass., visited the New York market this week.

MOORE.—A. C. Moore, of the Moore & Thompson Paper Company, Bellows Falls, Vt., was in Boston last week.

NEVIUS.—A. H. Nevius, of the Jessup & Moore Paper Company, Philadelphia, has just returned from a trip to the Middle West, where he found business in a very satisfactory condition.

NEWTON.—James H. Newton, president of the Chemical Paper Company, and Mrs. Newton gave their first at home reception at their residence in Holyoke last week. The reception was a pleasing affair, many representatives of the trade being present.

NEWTON.—James L. Newton, of the Newton Falls Paper Company, Newton Falls, N. Y., visited the New York market last week.

PRICE.—William R. Price, of Springfield, Mass., representing D. S. Walton & Co., of New York, has just returned from one of his regular trips through Connecticut and reports a very good trade.

RANDALL.—Charles P. Randall, secretary of the Parsons Paper Company, Holyoke, Mass., visited the Boston trade last week.

RAYBOLD.—W. J. Raybold, of the B. D. Rising Paper Company, Housatonic, Mass., called on the Boston trade last week.

RENICK.—M. W. Renick, of the Advance Bag Company, Middletown, Ohio, was among the paper bag manufacturers seen in New York this week.

RICHARDSON.—C. C. Richardson, of the Richardson Paper Company, is a candidate for auditor of Hamilton County, Ohio.

ROBERTSON.—O. C. Robertson, of G. A. Robertson & Co., Hinsdale, N. H., visited the New York trade last week.

ROYAL.—Thomas M. Royal, head of the Philadelphia firm bearing his name, concurs in the statements published in THE PAPER TRADE JOURNAL that the business centre of the Philadelphia paper trade is moving westward. Mr. Royal, now at Third and Spruce streets, is seeking a new location in the neighborhood of Tenth street, and will probably move in that direction January 1.

SERVIS.—Peter S. Servis, manager of sales for D. S. Walton & Co., New York, made the trip to St. Louis, Mo., last week to attend a meeting of the sales agents of the Union Bag and Paper Company.

SHARP.—Letters received by the Jessup & Moore Paper Company, Philadelphia, from its president, W. H. Sharp, traveling in Europe, are that he is enjoying the best of health and has been much benefited by his trip thus far. Mr. Sharp will not return to the city for a month.

SMITH.—Hon. Wellington Smith, of Lee, Mass., was in Boston visiting the trade last week.

STEPHENSON.—Col. Stanley Stephenson, of the Liverpool Marine Stores, Liverpool, England, made a number of calls on his old friends in the New York trade last week.

STRATTON.—Homer J. Stratton, well known to the trade, has the sympathy of many friends in the death of his father last week.

TAYLOR.—W. A. Taylor, of the Byron Weston Company, at Dalton, was taken ill at his office last week and was removed to his home. The illness was not serious, and he has returned to his desk.

WALTER.—Ernest A. Walter, secretary of the Columbia Paper Bag Company, New York, was in Boston, Mass., last week calling on the trade.

WALTON.—D. S. Walton, of D. S. Walton & Co., New York, was in St. Louis, Mo., last week, attending a meeting of the agents of the Union Bag and Paper Company.

ZELLERBACH.—Jacob Zellerbach, a prominent paper dealer from California, was a visitor to Philadelphia during the week. He was accompanied by Mrs. Zellerbach and was en route to New York and Washington. Mr. Zellerbach's trip will last about two months.

Bleaching Ground Wood.

The yellowish color of ground wood fibres varies according to the quality of wood and purity of water in a mixture of reddish, brownish and gray shades; but these conditions were of small significance so long as ground wood was only used in small proportions with better stock, says "Sylvanus" in *Der Papier Fabrikant*.

An addition of a red or blue aniline color or a violet will present the impression of a white shade to the unexercised eye, while in fact the shade is really reddish or greenish. A comparison of news and mixed book stock with bleached writing or with white linen or cotton stock will readily tend to prove the great difference in the shade of snow white and ground wood white.

During late years advancing prices that have caused a cut in the manufacturing profits and developed a natural desire to economize by introducing the cheaper grades of raw materials on a more extended scale for the making of the grades above news, such as the medium writing and printing qualities.

The yellow shade of the ground wood proved a disturbing feature, and there arose the necessity of overcoming the well known difficulties in the bleaching of ground wood. Many processes have been gradually "invented," but they proved costly, troublesome and without adequate result.

As a means for at least improving the shade of ground wood sulphurous acid alone, in its diluted form or in bisulphite of sodium or bisulphurous sodium, has proved of economical usefulness.

The idea of imparting a white shade to ground wood was derived from the old process of bleaching straw pulp, known before wood pulp was ground. The bleaching process may be briefly described as follows: Sulphur is burned in an oven for producing a sulphurous gas, the SO₂, the same that is used in the boiling of sulphite pulp in the

known digesters (in its combination with lime forming calcium bisulphite). The SO₂ gas is introduced through suitable channels into, or rather under, the lower part of a tank provided with a perforated bottom, and also with slowly moving agitator blades, that tend to keep the gradually introduced parts of loose ground wood moving over the perforated inlets for the gas. An aperture is provided to allow the agitator arms to discharge the product, which is collected in a pile or in bags, where its color gradually improves. Experience must teach the time required for producing the best results. Naturally the tank must be closed and provided with an outlet for the gas into the higher regions out of harm's reach.

In case the pulp is to be bleached in the shape of loose rolls, a well closed compartment, perfectly constructed of brick or stone, provided with openings for ingress and exit of hands, gas and ventilation, may be the most advisable. In order to prevent the effect of the noxious gases any small opening should be temporarily hermetically closed by pasting strips of paper over the same. The rolls of pulp should be placed separately on strips of wood to allow the passage of the gases between the surface of the web and to proceed upwardly into the open air.

Another process for bleaching wood pulp by the influence of sulphurous acid is performed by soaking the stuff with solutions of bisulphite of sodium in large tanks and also in this case the rolls should be separately placed on end to allow the solution to pass between the layers.

The quantity of bleach required depends largely on the quality, age and other conditions of the wood, and it is therefore advisable to make several trials in order to reach the desired object. Every contact of iron with the solution, producing a black discoloration, must be carefully avoided. The last described process is the more expensive and causes additional labor. The weight should be ascertained before bleaching. However, in the latter process the appearance of free acid is entirely avoided.

OBITUARY.

CORNELIUS SHIELDS.

Cornelius Shields, general manager of the Lake Superior Corporation, died at his home in Sault Ste. Marie last Friday of heart failure. Mr. Shields was forty-nine years of age and was born in New York State. For several years he was connected with J. J. Hill on the Northern Pacific Railroad, and also with the Canadian Pacific as divisional superintendent, and was manager of the Dominion Iron and Steel Company's plants at Sydney, C. B. He went to the Soo from Sydney in April, 1903.

H. J. KREINHEDER.

BUFFALO, N. Y., October 31, 1904.—Herman J. Kreinheder died last Wednesday. He was fifty-one years of age. He began his business life with R. W. Bell & Co. as bookkeeper and cashier. Later he went into the paper box business and became president of the Buffalo Paper Box Company. Subsequently he was elected president of the Buffalo Carriage Company and at the time of his death was president of the Standard Lumber Company.

Mrs. R. R. DICKEY.

DAYTON, Ohio, October 31, 1904.—Mrs. R. R. Dickey, wife of R. R. Dickey, Sr., and mother of R. R. Dickey, Jr., president of the Dayton Globe Iron Works Company, passed away last week, after an illness of long duration. Mrs. Dickey was a member of one of the valley's most influential families and was connected with a family of well known paper makers in Middletown. R. R. Dickey, Sr., who is the president of the Dayton Gas Light and Coke Company, and is interested in many other industries, including the Dayton Globe Iron Company, is seriously ill. He was unable to be at his wife's bedside when the summons came, nor could he attend the funeral. The services were conducted at the home of the deceased by Rev. Dr. Hale. Six nephews acted as pallbearers. M. V.

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NEWS FROM THE MILLS.

The new mill of the Munising Paper Company, Munising, Mich., was started this week.

The Gilbert Paper Company, of Menasha, Wis., has just finished an artesian well for furnishing water for the help in the mill.

The Dells Paper and Pulp Company, Eau Claire, Wis., has built a new boiler room, 36x48 feet. It will contain two new boilers.

A shaft on one of the machines of the Byron Weston Company at Dalton broke last week, necessitating shutting down the Defiance Mill for a day.

The Union Bag and Paper Company is installing a 1,000 horse power electrical generator in the Bakers Falls power house, Sanday Hill, N. Y., increasing the capacity one-third.

There appears to be plenty of water for the Western Massachusetts mills this week. The streams out of Holyoke are running full, and the Holyoke Water Power Company is not enforcing restrictions.

The C. W. Howard Paper Company, of Menasha, Wis., lately put down an artesian well to furnish water for

drinking. The well will be pumped and running water furnished in several different parts of the mill.

A fire of unknown origin did damage to the extent of \$700 in the paper mill of R. T. Morehouse, Bridge street and Frankford Creek, Philadelphia, on Friday last. The flames broke out near a finishing engine, but the city firemen soon had them extinguished.

Benton Brothers' paper mill, Lee, Mass., started up last week after a shutdown, except the calenders, of some three weeks, during which time important improvements have been made. The principal one of these was a new wheel house, built over the 30 foot overshot wheel.

Three of Wellsburg's (W. Va.) industries are the victims of a streak of bad luck. Both the papers mills are shut down for repairs, made necessary by accidents, and the engine at the sack factory broke down Sunday evening, shutting down the plant until repairs can be made, which will require several days.

J. L. Campbell, machinist, of Niagara Falls, N. Y., met with a serious accident at the Phoenix Paper Mill plant in Clayville, N. Y., last week. While walking across the upper floor in the main building he fell through a hole from which some shafting had been removed, striking heavily face downward upon the lower floor, a distance of about

15 feet, breaking his left arm at the wrist, injuring his chest severely and badly cutting his lips. He was unconscious for a time, but soon revived. While no serious results are expected from the injuries, Mr. Campbell is a man well advanced in years and the shock to his system will prove severe.

A Dominion charter has been granted to the Canada Flax Fibre Company, of Montreal; capital, \$100,000. The incorporators are T. H. Tombyll and R. N. Tombyll, manufacturers; James Walker, hardware merchant; George A. Childs, sales agent; J. H. Sherrard, manufacturer; S. P. Howard, freight agent; T. E. Howard, sales agent, and C. E. Scarff, druggist, all of Montreal, and George W. Fowler, barrister, of Sussex, N. B., and the company has power to acquire plant and machinery for the treatment and manufacture of flax and its various products, "woven or otherwise." It does not appear that the company has any connection with the Flax Pulp Company or the French-Hickman Flax Fibre Company, recently exploited in England and the United States.

The fire at the Simonius'sche Cellulosefabrik in Wangen in Allgau, Germany, is said to have resulted in a loss of 200,000 marks.



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Kimberly & Clark Company, Neenah, Wis.
Kimberly & Clark Company, Quinnesno, Mich.
Atlas Paper Company, Appleton, Wis.
Combined Locks Paper Company, Combined Locks, Wis.
C. W. Howard Company, Menasha, Wis.
John Edwards Manufacturing Co., Port Edwards, Wis.
Nekoosa Paper Company, Nekoosa, Wis.
Centralia Pulp and Paper Co., Centralia, Wis.
Grand Rapids Pulp and Paper Co., Grand Rapids, Wis.

Wisconsin River Paper and Pulp Co., Whiting, Wis.
Wausau Paper Mills Company, Brokaw, Wis.
Tomahawk Pulp and Paper Company, Tomahawk, Wis.
Dells Paper and Pulp Company, Eau Claire, Wis.
Falls Manufacturing Company, Oconto Falls, Wis.
Hennepin Paper Company, Little Falls, Minn.
Itasca Paper Company, Grand Rapids, Minn.
Northwest Paper Company, Cloquet, Minn.
Potoskey Fibre Paper Co., Potoskey, Mich.
Riverside Fibre and Paper Co., Appleton, Wis.

Wolf River Paper and Fibre Co., Shawano, Wis.
Menasha Paper Co., Menasha and Ladysmith, Wis.
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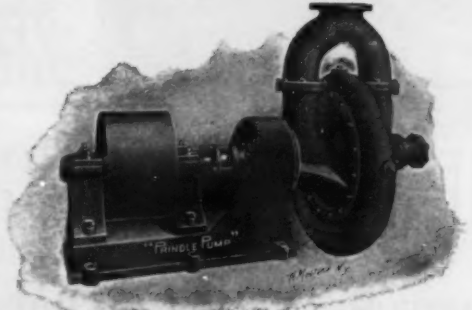
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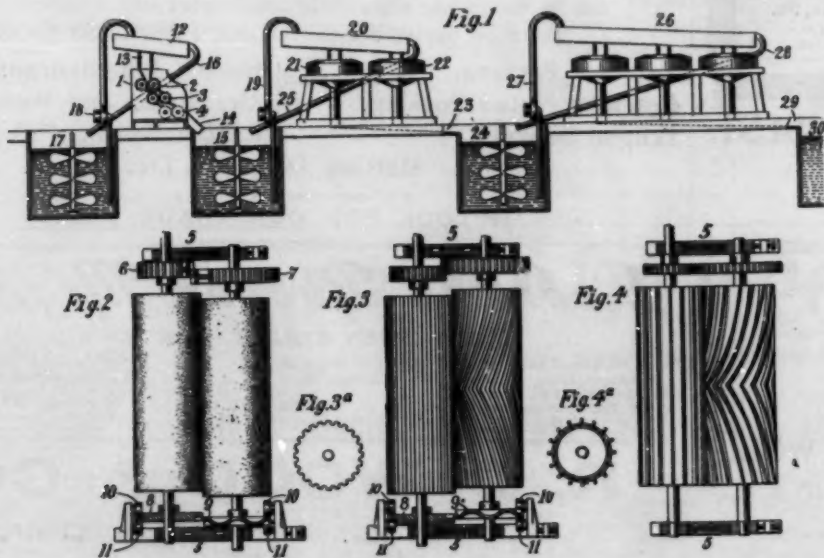
PATENTS OF THE WEEK.

Apparatus for Utilizing Waste Product of Paper Manufacturer—Paper Box Machine—Embossing Machine—Trademark.

William Norris Cornell, of Massena, N. Y., has been granted patent No. 773,479 on an apparatus for utilizing waste product from the manufacture of paper.

Figure 1 shows the entire apparatus diagrammatically, partly in section. Fig. 2 shows the first set of rolls in detail, Figs. 3 and 4 the succeeding rolls, and Figs. 3^a and 4^a are end views of rolls shown in Figs. 3 and 4.

The machine shown at 1, Fig. 1, has a number of rolls



mounted in sets 2, 3, 4, preferably arranged in a diagonal line from top to bottom of the machine. The first set is preferably made of sandstone, dressed smooth. The surface of the rolls, however, being necessarily incapable of taking a polish, is slightly rough, on account of the grain of the stone. They are usually mounted in mov-

able bearings—as, for example, 5—so constructed as to permit of the rolls being readily adjusted toward or from each other for the purpose of regulating accurately the extent of their crushing action. They may be rotated by any suitable means, but since they must revolve in opposite directions it is convenient to gear them together, as shown. In order to provide a simultaneous drawing action one roll may be made to rotate at less speed than the other, as by making the gear 6 smaller than the other, 7. With this difference of speed may be combined also an endwise vibration of one or both rolls. Any suitable mechanism may be employed to effect this movement—as, for example, the face cams 8, 9, working between anti-friction rollers 10, 11. By using cams of different size or curvature it is evident that the rapidity and extent of the end-

wise reciprocation may be varied at will to suit different conditions. The second set of rolls 3 is also preferably of sandstone, but instead of being smooth they are corrugated—as, for example, in the manner shown in Fig. 3. They also rotate in opposite directions at different speeds, and are mounted in adjustable bearings, with means to cause

them to vibrate as the former set. The corrugations are for the purpose of giving the rolls a more pronounced and positive drawing effect simultaneously with their crushing action. The third set of rolls are intended to effect the third and what under ordinary conditions would be the final step of reduction. The rolls themselves are preferably constructed in a manner similar to the well known Jordan engine, but have a crushing and drawing action analogous to the other rolls, though preferably not to the same extent, since the material, by the time it has passed through the first two sets, is very nearly fine enough for the stones and needs only slight further reduction. The rolls themselves are made with blades or bars, as shown, projecting above the surface. The bars may be of iron with wooden slats or bars between them.

The upper part of the machine 1 is provided with a hopper 12, having a conduit 13, discharging between the rolls 2. A spout 14 discharges the material into a tank or vat 15 after it has been acted on by the crushing and drawing rollers. An escape pipe 16 carries the overflow of the hopper back into the mixing tank 17 in case the pump or other conveyer 18 supplies material to the hopper faster than the machine can work it. From the mixing vat 15 the crushed and drawn material is carried by a conveyer 19 to a second hopper 20, discharging into two pairs of millstones 21, 22, in which the particles are ground or rubbed to a still finer condition, passing thence by a spout 23 into a third mixing vat 24. An overflow pipe 25 is provided to return any excess from the hopper to the vat. A second group of millstones 26, composed of three sets, is arranged to further reduce the size of the particle, provided with a conveyer 27 and overflow pipe 28. The material, after being worked by this group of stones, is discharged through a spout 29 into a fourth vat 30, from which it may be run out onto the screens.

No. 773,318. Paper Box Machine.—Chauncey W. Gay, West Springfield, Mass.

No. 773,496. Apparatus for Embossing Paper or the Like.—Thomas Hawkins, London, England.

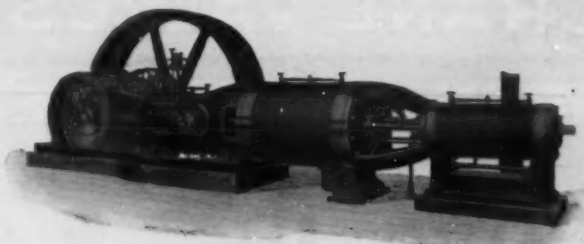
TRADEMARK.

No. 43,577. Certain Named Paper.—The Myself-Rollins Company, San Francisco, Cal. The words "Bank Stock" with a flourish at the end of the word "Stock" and associated with a representation of a dollar mark. Used since February 20, 1892.

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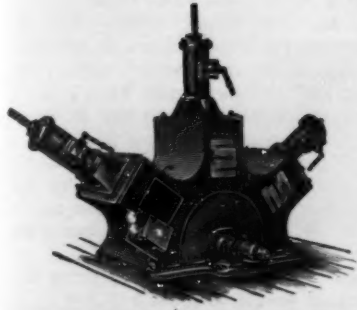
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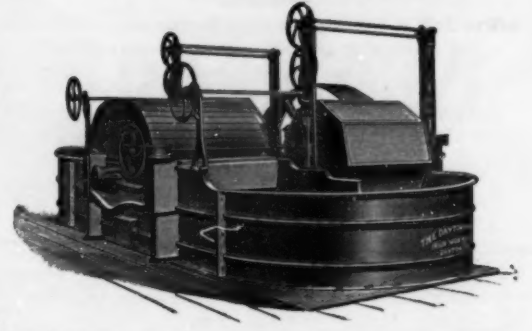
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A True Tale of a Most Mysterious Performance—Bill's Sudden Awakening and What He Discovered—Where the Wire Was Found.

The following account is based on actual facts, and many of the old paper makers of today will recognize the principal character in this story. This incident took place in a little wooden mill that stood on the banks of a Pennsylvania river. The mill was known as the Prentiss Mill, named after its owner, James Prentiss, or "Old Jim," as he was commonly called by his friends. "Old Jim" was known to every man in the paper business as a shrewd but honest man, and no one knew more about paper making than he.

In the Prentiss Mill was one 48 inch machine, on which was made what "Old Jim" called "the slickest sheet of book paper that ever slid over a machine." The machine, however, was not as "slick" as the paper, and it had been patched up in several places by the surgeons of the trade, who are better known as machine tenders. "Old Jim" was very particular about procuring and retaining good machine tenders, so when he hired "Bill" Anson he felt well pleased, for "Bill" was known as one of the best in the trade. At times he was addicted to the use of liquor, and at these times he would unmake more paper with his tongue than he ever did on a machine.

"Old Jim" Prentiss always called "Bill" William, and "Bill" knew Prentiss well enough to call him James.

One night "Bill" came on tour at 6 o'clock, and as his mate, "Sam" Hill, had told him, he found everything running fine on the 48 and the prospects of a good night's run very bright. After changing his clothes he scrutinized everything on the machine very closely, for he would not rely wholly on "Sam" Hill's say-so. He finally concluded that it was all right, and after weighing his sample sheets he walked into the beater room and had a chat with old "Sandy" Blake, his beaterman. "Sandy" and "Bill" had worked together for many years, and both could tell some great experiences that they had had at the trade.

After chatting a while with "Sandy" "Bill" came back into the machine room, again looked his machine all over,

and helped his backtender to turn a reel up. The next two hours he spent in walking up and down the machine room, every little while glancing at the wire, which was guided by hand, instead of being equipped with an automatic guide, as wires are nowadays.

The night outside was cold, and the old fashioned stove that stood in the dry end of the machine room was filled with blazing logs. This stove took the place of the hot air and steam pipes that are used at present to heat the machine room.

When the machine was running good "Bill" and the stove were inseparable companions. He had made for himself a chair that fitted "Bill" Anson and no one else. When he sat in it he would be in a position between lying down and sitting up, and very often while so situated he would fall off into a gentle sleep. Very often, too, the snapping and cracking of the burning logs would awaken him, and sometimes just in time to prevent trouble on the machine. Of late "Bill" had put a good deal of confidence in the snapping and burning logs, and on that account did not feel so timid about taking a nap.

On the night in question he was destined to have a very funny experience. It was about 11 o'clock and "Bill" had been asleep in his chair about ten minutes when he was brought out of his slumber by a terrific yell from his backtender, "Tim" Murphy. When "Bill" got his eyes open he saw "Tim" down near the wire, gesticulating wildly with both arms. "Bill" realized that something out of the ordinary had happened and he tried to run, but having been asleep in a cramped up position in the chair his gait resembled that of a camel more than of a man. He finally reached the wet end, and his eyes bulged more than did "Tim's" when he saw that the wire was missing.

When "Bill" had recovered from his surprise, and had shut off the stuff, he said to "Tim," "Where th' hell's th' wire gone, 'Tim'?" "I dunno," answered "Tim," and "Bill" wondered if he was in a dream. He shut the machine down and told "Tim" to get him a lantern. When "Tim" returned with the lantern "Bill" took it and searched under the couch rolls and breast roll and first felt, but no wire could he find. He scratched his head and thought, but it was no use; the wire was gone, and he could not find any trace of it. "Sandy" Blake heard "Tim" yell when he

called "Bill," and he, too, was mystified. "Funniest damn thing I ever heard of," said "Sandy."

"Well, I shud say so," said "Bill." "Say, 'Tim,' how'd this thing happen?"

"Well, 'twas like dis," said "Tim." "I wuz pullin' de shavin's from under the winder when I hears de calenders jumpin', and den I sees dat de wet end went t'rough. I ups and runs for de wet end, and w'en I gets here, I see de wire's gone, den I yells for you, and dat's how de whole t'ing happened."

"Well," said Bill, "you'd better go up and git 'James,' meaning "Old" Prentiss. While "Tim" was gone for Prentiss "Bill" made another search, with no better results than at first, and he was on his hands and knees when "Old Jim" came in the room. The first thing "Jim" noticed was that the wire was off, and then the following dialogue took place between himself and "Bill":

"Wire bust out, William?"

"Nope; busted off, James."

"Busted off? What d'ye mean, William?"

"Lit out; ain't seen it since."

"What's the matter with it? Where did it bust?"

"Don't know. Ain't seen it, I tell ye."

"Ain't seen what?"

"Th' wire."

"William, explain yourself."

"Well, the paper broke, and when I got here the wire was gone, and I've looked all over for the damn thing, but I ain't found it yet."

"William, you're done; come to th' offis tomorrer and git your money."

"Ah, right, James, I will." And "Bill" went home.

He and "Old Jim" understood each other. "Old Jim" thought that something had happened to the wire and that "Bill" did not wish to let him see it, and to prevent his seeing it had hidden it. "Bill" knew that "Old Jim" thought that way, and made up his mind that talk would do no good. "Sam" Hill was sent for, and a new wire was put on. The next day "Bill" went on a spree and was making paper faster than ever.

Three days after this incident "Old Jim" was walking through the machine room, his head bent in thought. As he passed the second press, he noticed some wire sticking
(Continued on page 24.)

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And we are the **ONLY MAKERS.**
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Use only the best Lubricants on your Engines and Machinery. It will reduce friction, save wear and tear, reduces fuel and machine shop bills, and results in a great SAVING OF MONEY.

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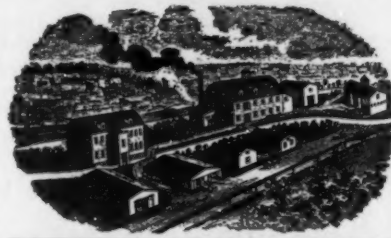
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The only information necessary to send is pipe connection in bearing, depth of oil hole from top of cap to journal, and give particular part of machinery on which the same is to be tested.

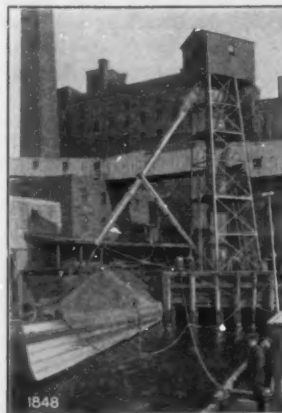
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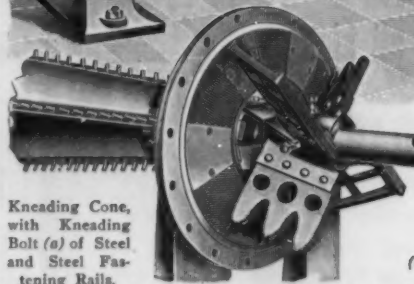
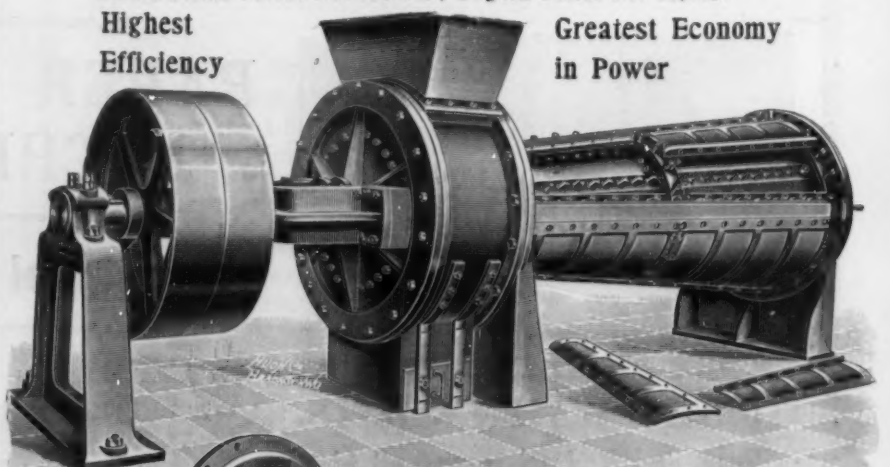
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United States Patent No. 730 617; English Patent No. 18,417.

Highest Efficiency

Greatest Economy in Power



CONSTRUCTION.
 The Patent Kneading Worm is of Cast Steel; it is fitted with two Arms working along the inside periphery and on the walls to which the Knife-Plates are attached by screws; the Pulp being thereby forced from the outside to the inside, while, on the other hand, the two Wings or hands force the previously ground Stuff from the inside to the outside.

ADVANTAGES:

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- 2.—ONLY ONE SHAFT; NO SPUR GEARING REQUIRED; CHOKING UP BY IRON AND STRING AVOIDED.
- 3.—Fitted with a STONE, SAND and IRON TRAP underneath the Patent Kneading Worm that draws in the Paper, thus obviating damage to the Kneading Mechanism.
- 4.—Fitted with STRING, ROPE and RAG TRAPS, easily cleaned while the machine is running; even without these Traps a portion of String, Rope and Rags adheres around the Kneading Worm, from which they may easily be removed by merely shifting the belt to the loose pulley.
- 5.—Manufacturers of Wrapping Paper are enabled to use unsorted waste paper or "broken"; other kneaders would be choked by string and rope. Wrapping Paper from waste paper, "broken," straw paper and cardboard can be made WITHOUT THE USE OF A BRATER.
- 6.—VERY LARGE FEED AND DELIVERY OPENINGS and almost UNRESTRICTED CAPACITY for "broken" paper on account of the large Arms and Wings of the Kneading Worm; the Kneading Wings are serrated on all their edges and work against Toothed Steel Knife Plates, hence ready tearing of "broken" paper, and even cardboard and paper tubes may be worked up by the machine.

ROBT. DIETRICH, Merseburg, GERMANY

YPSILANTI MILL RUNNING.

Non-Union Men Now Operating Plant Full Time on Long Hour Schedule—The Strike Is Over So Far as the Company Is Concerned.

[SPECIAL CORRESPONDENCE OF THE PAPER TRADE JOURNAL.]
YPSILANTI, Mich., October 29, 1904.—The Ypsilanti Paper Company has secured enough non-union men to run its mill on full time on the long hour schedule, and so far as the company is concerned the strike is over. Very few of the strikers have returned to work. Their places have been filled by outsiders.

Storage Reservoirs on Racquette River.

[FROM OUR REGULAR CORRESPONDENT.]
WATERTOWN, N. Y., November 1, 1904.—The manufacturing interests on the Racquette River, which have grown rapidly in the last few years, naturally would like some of the advantages enjoyed by those located on other streams in Northern New York. Black River, Oswegatchie River and other streams have on them, or at their headwaters, reservoirs built by the State which prove of great benefit to manufacturing concerns during the dry seasons. The representatives in the State Legislature from St. Lawrence County have at various times endeavored to secure appropriations to build reservoirs on the Racquette River, but have been unsuccessful, as it could not be shown that the building of such reservoirs was to compensate people for the loss of water diverted by the State for canal purposes, or that they were of particular benefit to the general public. Failing to secure appropriations on this ground those interested resorted to another method. It was to secure the passage of a law which would open the way to the building of such storage reservoirs on the ground that they were in the interest of the public health and safety. Under this law towns along the stream must petition for the building of storage reservoirs and become responsible for the cost of same. All the towns interested, or the majority of them, must act favorably on the matter before work can be begun. A short time ago prominent citizens of St. Lawrence County set out to secure these benefits for people along the Racquette River. The matter came before the board of trustees of the village of Potsdam last week and it brought about a stormy session, it being argued that the measure would be the means of placing an

indebtedness of from \$25,000 to \$100,000 on the village and that there would be no adequate return for the money so expended. The village authorities declined to approve of the petition until the sentiment of the taxpayers was ascertained. As the assuming of such a debt is a matter of much importance to small towns it is not probable that any storage reservoirs will be built on the Racquette River under what is known as the Brown bill. B.

The Spanish Paper Industry.

[FROM OUR REGULAR CORRESPONDENT.]
WASHINGTON, D. C., October 31, 1904.—A Spanish report says that one of the industries of Spain which derived most benefit from the protective tariff of 1890 was the manufacture of paper, while at the same time it is one which has suffered greatly through the loss of the colonies. The exports of paper from Spain last year amounted to \$1,253,567, against \$1,785,714 in 1896. The home consumption cannot be looked to to make up for the loss in exports. The imports of foreign paper are small and composed chiefly of special qualities and colored prints, &c. There are over fifty paper mills in Spain, the largest being situated in Saragossa, with a daily output of 15 tons. A. F. T.

Sisson—Thompson.

[SPECIAL CORRESPONDENCE OF THE PAPER TRADE JOURNAL.]
MALONE, N. Y., October 29, 1904.—On Thursday afternoon of last week Francis Ten Eyck Sisson, manager of the Racquette River Paper Company, Potsdam, N. Y., married Sarah M. Thompson, the ceremony being performed at the Congregational Church by Rev. John A. MacIntosh. There was a bountiful and beautiful display of flowers, and the wedding was a social event. A reception followed the ceremony and was very largely attended. Mr. and Mrs. Sisson will reside in Potsdam, N. Y.

Merion Board Mill Burned.

[SPECIAL CORRESPONDENCE OF THE PAPER TRADE JOURNAL.]
NORRISTOWN, Pa., October 31, 1904.—The Abrams Paper Mill, in Upper Merion Township, on main line of the Reading Railway, was destroyed by fire. The building was totally destroyed. Origin of fire unknown. Loss, \$15,000, partly insured.

HOW BILL ANSON LOST A WIRE.

(Continued from page 22.)

out over the end of the hitch roll on the dryer felt. He was on his hands and knees in an instant, and what he saw caused him to use some very explosive language, for, wound around the hitch roll, was the missing wire, and it was wound as tightly as if it had been done by hand.

"Jim" called "Sam" Hill, and told him to break his paper on the first press. Then they slacked the dryer felt and pulled the wire from the hitch roll.

Prentiss sent for "Bill" and told him to come to work next day, and he did so.

When "Old Jim" said "William, how d'ye s'pose that happened?" "Bill" answered: "Well, this is the way I think. Ye know I found one of the blocks we had to brace up the suction box up under the breast roll. Well, I'll bet that damn block fell on the wire, went along to the breast roll and ripped the wire. Then it went around it, and the old wire kept a rippin' until by the time it reached the couch she was ripped away across. Then, when it went through the couch rolls, it jumped on the first felt, went through the press rolls, and right down on the floor, between the second press and dryer felt, and from the floor it jumped into the dryer felt, and right in around that damn hitch roll."

"By hokey, William, I believe you're right," said "Old Jim."

And "Bill" thought he was right. At least he felt satisfied that the lost had been found.

A Work of Art.

Have you seen it? A delicately tinted half tone of a fascinating young girl against a dark background, conspicuously mounted on an extra heavy white card. This, in the form of a panel, with the fly leaves of a calendar near the lower edge, is the 1905 greeting that the Burt Manufacturing Company, Akron, is sending out to its agents, who represent it in nearly every country on the globe.

This is one way the Burt Manufacturing Company has of showing its appreciation of the good work being done by its representatives, both at home and abroad. A good example and well worthy of imitation.

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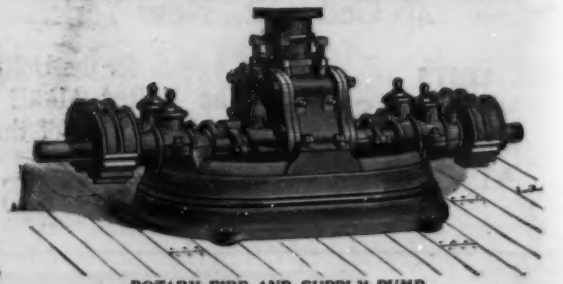
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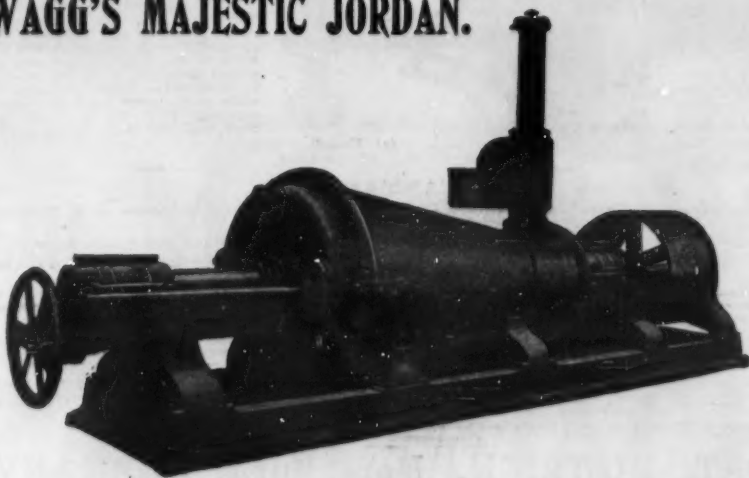
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In Chapter I the behavior of the paper fibres during the process of dyeing and the theory of the mordant are treated, while Chapter II is devoted entirely to mordants. The influence of the water used is discussed in Chapter III, while in Chapter IV artificial and natural mineral colors are the subjects written about. Chapter V is exclusively on organic colors, it being in two divisions, the first being of colors of vegetable and animal origin and the second of artificial organic (coal tar) coloring matters. Chapter VI treats of the practical application of the coal tar colors according to their properties and their behavior toward the different paper fibres. Chapter VII is the most extensive, and contains the leading feature of the book. It contains 157 samples of paper dyed in the pulp, each of the samples being accompanied by the formula for stock and color.

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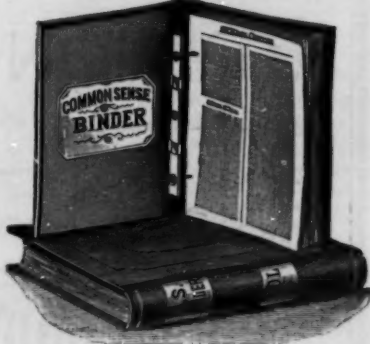
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Two Oddio Pumps of about 2,000 gallons capacity per minute, and many smaller ones.

One Dynamo each of 220 Kilowatt and 150 Kilowatt.

One Motor each of 51½ H. P., 51½ H. P., 28 H. P., 28 H. P., 15 H. P., 15 H. P. and many smaller ones.

All New and Quite Modern; only in use a few months. Can be seen in Mill in Germany.

J. MARX & CO., Paper Makers' Engineers,

133-139 Finsbury Pavement, London, E. C., England.

IMPROVED
PATENTED PULP SAVER.

NO MOVING PARTS. STEEL CONSTRUCTION.

GREAT SAVING OF CHEMICALS.

SAVING OF STOCK FROM 2 PER CENT. TO 10 PER CENT.

WATER IS PURIFIED AND CAN BE USED IN BEATERS.

NEW AND IMPROVED TYPE RECENTLY INTRODUCED.

Send for Catalogue, Testimonials and List of Purchasers.

BUILT ONLY BY

THE PUSEY & JONES COMPANY,

WILMINGTON, DELAWARE.

THE BLACK-CLAWSON CO.

Hamilton, Ohio, U. S. A.,

DESIGNERS AND BUILDERS OF

Best Paper Making Machines

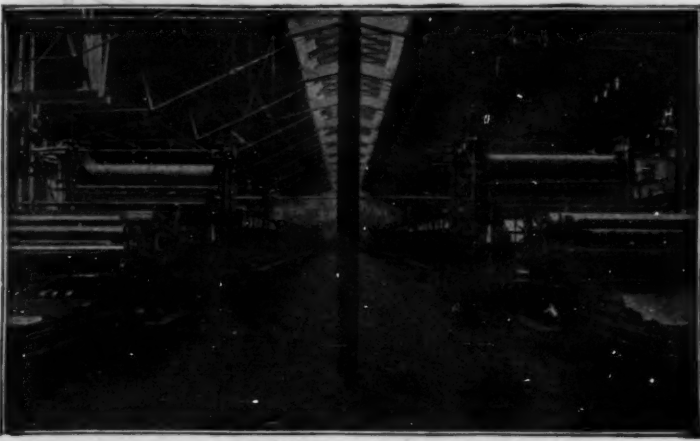
for All Grades of Papers and Boards.

WE ALSO MANUFACTURE A GENERAL LINE OF MACHINERY FOR PULP AND PAPER MILLS.

Saturating Machinery,
Evaporating Machinery,

Ink Mills,
Perforators, Etc.

PARTICULARS UPON REQUEST.



Chicago Coated Board Co.'s Plant, showing two of The Black-Clawson Co.'s 118-Inch Board Machines.

WANTS and FOR SALE.

Minimum rate for advertisements of this class, one dollar each insertion. Over twenty-five words, four cents a word each insertion. Cash with order. Advertisements, to secure insertion in that week's issue, must be received not later than Wednesday morning. Answers can come in our care, and will be promptly forwarded without extra charge. All answers should be sent to the New York office, 150 Nassau street.

WANTED—Immediately two first class men machine tenders. Address New York, care Paper Trade Journal.

WANTED—Manager and superintendent; must be experienced and capable manufacturer of manila and fibre papers. Address Manila, and quote reference, care Paper Trade Journal.

FOR SALE—A complete plant of Kidder presses for printing wrapping paper in rolls and sheets. Address Frank B. Jenvey, Cumberland, Md.

WANTED—A four machine tender, back tender and a hustling roll finisher on 9 inch cutter rolls; no strike; steady work. Address A. B. C., care Paper Trade Journal.

FOR SALE—One Lombard and one Butterfield Wood Barker, attachments; new. Price \$400 each at mill. James Ramage Paper Company, Monroe Bridge, Mass.

AN EXPERT MACHINE MAN on book, news and manila paper would like a situation; can give A1 reference. Address Expert, care Paper Trade Journal.

FOR SALE—Small mill running upon wrapping and specialties; lately improved water power and steam; to be sold at a bargain, or a partner for one-half interest desired. Address Y. O. U., care Paper Trade Journal.

ENERGETIC NORWEGIAN, thirty-three years old, with fifteen years' experience in the paper and book trade of different European countries (for the last six years manager); ten months in America; speaking English, German, French and Scandinavian languages; wants position as traveler abroad, Europe and other continents, for important American paper manufacturer, or exporter; first class reference. Address N. P., 6356 Haverford avenue, Philadelphia, Pa.

WANTED! PAPER MILL MANAGERS AND EVERYONE ELSE

interested in the purchase or sale of PAPER MILL MACHINERY to get our Monthly Revised List of Second-hand Paper Mill Machinery. Mailed regularly to address of interested parties upon request.

SHARTLE BROS. MACHINE COMPANY, MIDDLETOWN, OHIO

WANTS AND FOR SALE ADVERTISEMENTS

FOR INSERTION ON THIS PAGE IN THE SAME WEEK'S ISSUE MUST BE RECEIVED NOT LATER THAN WEDNESDAY MORNING.

WANTED—An experienced man to work on a Meisler rewinding machine. Address Meisler, care Paper Trade Journal.

WANTED—Finisher and beaterman; steady man desired. Address B. Z., care Paper Trade Journal.

WANTED—First class finisher book mill; highest wages; best references required; also woman counter wanted. Address S., care Paper Trade Journal.

OPEN FOR ENGAGEMENT—Practical paper mill superintendent; thoroughly familiar with book, news, colored fibres and manila papers; have had charge of large specialty mills; A No. 1 reference. Address J. E. D., care Paper Trade Journal.

WANTED—By practical man, situation as superintendent of mill making book, envelope, writings, manila, box board and building papers; best references. Address W. A., care Paper Trade Journal.

WANTED—First class trimmer man; highest wages; mill making writings and medium grades. Address C. F., care Paper Trade Journal.

YOUNG MAN experienced in all the details of mill work desires connection as assistant manager in news or book mill; Michigan or Wisconsin preferred. Address 285, Paper Trade Journal.

MASTER MECHANIC wants position; experienced and competent, up to date in pulp and paper mills, efficient and temperate. Address Wisdom, care Paper Trade Journal.

FOR SALE,

Paper Mill and Printing and Lithographing Plant, situated at Nutley, N. J. Unusual facilities; spacious grounds; water rights, together with spring water especially adapted for the business. Paper making machinery of every description. Printing and Lithographing Plant is complete and ready for immediate occupancy. An excellent opportunity to obtain a first class plant at a reasonable figure and terms. Address JOS. M. BYRNE, Secretary-Treasurer, Yantecaw Paper Mills Company, 800 Broad Street, Newark, N. J.

MACHINE TENDER WANTED.

We want a first class machine tender who is accustomed to running Tissue papers on Fourdrinier machines. Applicants for the position will state age, experience, where they are now working and any other facts of interest. Also, if possible, enclose samples of tissue papers that they are now making. All correspondence confidential. Address Tissue, care Paper Trade Journal, New York City.

FOR SALE.

16x36 Fitchburg Steam Engine,

in good condition. Immediate delivery. Price \$700.00.

H. HORNE & SONS CO., Lawrence, Mass.

WANTED.

Old Brass Wire Cloth, Scrap Brass, Old Paper Mill Felts. Will be pleased to quote prices. Write to THEODORE HOFFELER & CO., 98, 100, 102, 104, 106, 108 Terrace, Buffalo, N. Y.

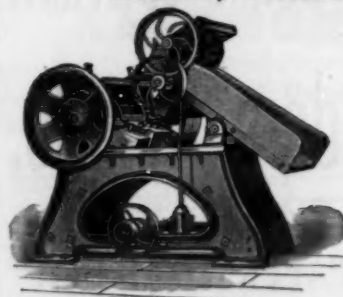
FOR SALE.

Hydraulic Presses, Pumps and Accumulator.

OLD MACHINERY OF ALL KINDS PURCHASED. WALSH'S SONS & CO. Newark, N. J.

H. C. CLARK & SON MACHINE CO. Successors to Clark & Spencer

Manufacturers of Paper Mill Machinery, LEE, MASS.



- Revolving Paper Cutters,
- Rag Cutters,
- Cylinder Paper Machines,
- Washing and Beating Engines,
- Chilled Iron and Paper Calenders,
- Fan and Stuff Pumps,
- Engine Roll Bars and Bed Plates,
- Cylinder Molds, Marshall Drives,
- Slitters and Rewinders, Reels,
- Dryers with Improved Packing Boxes,
- Wet Machines,
- Gun Metal and Rubber Rolls,
- Rolls Reground.

Notice Bankrupt Sale

By ORDER U. S. COURT.

Entire Plant, Etc., of DETROIT SULPHITE FIBRE CO.

In the District Court of the United States for the Eastern District of Michigan, Southern Division.

In the matter of the Detroit Sulphite Fibre Company, Michigan Corporation, Bankrupt. In Bankruptcy, No. 861.

You will please take notice that upon a reference made to me under date of September 23d, A. D. 1904, and the testimony taken and the arguments made thereon, and my report duly confirmed by the court, the entire plant of the Detroit Sulphite Fibre Company, including the real estate, stock on hand and in process of manufacture, excepting only the book accounts of said company, will be sold free and clear from all liens and incumbrances at the southerly or Congress Street entrance to the Wayne County Building, in the City of Detroit, Wayne County, Michigan, on TUESDAY, THE TWENTY-SECOND DAY OF NOVEMBER, A. D. 1904, at eleven o'clock in the forenoon, standard time; terms of the sale to be either cash or subject to unaccrued bonds upon said property in the sum of One Hundred and Eighteen Thousand Dollars (\$118,000), more or less; the terms in either case to be 10 per cent. cash and the balance within the time to be fixed by the court, said sale being subject to the confirmation of the court, the right being reserved to reject any and all bids.

A bid having been offered and secured by deposit of \$40,000 in court as a forfeit, the biddings will, by ORDER OF THE COURT, START AT \$300,000.

Dated Detroit, Michigan, October 24th, A. D. 1904.

HARLOW P. DAVOCK, Referee in Bankruptcy. DICKINSON, STEVENSON, CULLEN, WARREN & BUTZEL, Attorneys for Petitioning Creditors.

FOR SALE.

- PAPER MACHINES—Two 76" Fourdriniers; one 48" cylinder, complete from screens to cutters.
- SUPERCALENDERS—Five stacks Web supercalenders, made by Holyoke Machine Company; one 55 1/2", one 40", one 48", one 36" face, all complete, equipped with revolving reels, Mason friction and grooved friction, practically new.
- CUTTERS—Seven Finlay cutters, first class; one 87", two 57", two 43", one 37", one 48" Cranston undercut.
- RAG THRASHERS—Two Holyoke rag thrashers.
- WASHERS—Two Holyoke Machine Company's double lighter iron tub washers, 51" face; tubs cast in four pieces, with washers.
- BEATERS—Five iron tub Holyoke Machine Company's beaters, double lighters, 1,500 lbs. capacity, first class condition.
- GRINDERS—Two Baker & Shevlin grinders.
- WET MACHINES—Two 72" Holyoke Machine Company's wet machines; one 72" Baker & Shevlin wet machine.
- WINDERS—One three shaft compensating Manning winder.
- PUMPS—Two 7" stuff pumps; one two-plunger Davis boiler feed pump.
- PIPING—Large assortment of piping, all sizes.
- FOURDRINIERS—110", 92", 84", 78", good, wet ends.
- PRESS ROLLS—Gun metal, iron, various sizes.
- COUCH AND BREADST ROLLS.
- SUCTION BOXES.
- DRYERS—Three 42x85", one 36x72", seven 36x69", six 36x56".
- CALENDERS—One 108", one 84", one 64", one 55" stacks chilled calenders.
- One 52", one 36" Foster & Brown slitters and winders.
- Six Moore pressure filters.
- Three Paper ruling machines.
- One 46", one 54" Waldron coating machines.
- No. 256, four Knowlles and other pumps.
- Two 85", two 72", one 66", two 50" brass molds.
- STEAM ENGINES—One pair 28x60" Corliss; one 20x48" do.; one 18x36" Harris-Corliss; one 15x36" do.; one 14x48" Corliss; two 12x12 Watertown; two vertical Fitchburg 13x12" and 15x15".

F. H. DAVIS & CO.,

Room 315, 161 Devonshire Street, Boston, Mass.

Farrel Foundry & Machine Co.

ANSONIA, CONN., U. S. A.

THE LARGEST MANUFACTURERS OF

Chilled Rolls

IN THE WORLD.

ALSO MANUFACTURERS OF GRINDING MACHINES FOR ALL KINDS AND SIZES OF ROLLS.

CHILLED AND DRY SAND ROLLS

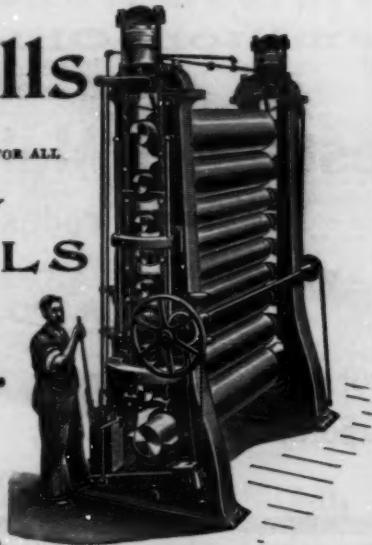
FOR ALL PURPOSES.

COMPLETE CALENDERS.

Patent Hydraulic Lift by means of which machine tender, standing on floor, can raise rolls in frames.

Housings so made that the rolls may be taken out endwise through frame.

Old Rolls Reground at Short Notice.



MANUFACTURERS STRAW BOARD COMPANY,

Dealers in all kinds of

Paper Box and Binders' Boards.

WESTERN DISTRIBUTING AGENTS FOR THE

UNITED BOX BOARD & PAPER COMPANY.

OFFICES AND WAREHOUSE:

116 and 118 Michigan Street,
CHICAGO, ILL.



IMPORTS AND EXPORTS.

IMPORTS AT NEW YORK.

For the Week Ended October 31, 1904.

| | Quantity. | Value. |
|------------------------|-----------|----------|
| Aniline Colors..... | 1,312 | \$80,919 |
| Bleaching Powders..... | 112 | 884 |
| Books..... | 352 | 40,796 |
| Clay..... | ..... | 180 |
| Engravings..... | 34 | 7,566 |
| Jute Butts, &c..... | ..... | ..... |
| Newspapers..... | 170 | 6,583 |
| Paper..... | 180 | 46,325 |
| Paper Hangings..... | 23 | 1,178 |
| Paper Stock..... | 3,432 | 24,379 |
| Printed Matter..... | 419 | 33,509 |
| Soda Ash..... | 683 | 2,018 |
| Soda Caustic..... | ..... | ..... |
| Terra Alba..... | ..... | ..... |
| Talc..... | 50 | 117 |
| Twine..... | ..... | ..... |
| Ultramarine..... | 510 | 8,470 |
| Waste..... | ..... | ..... |
| Wood Pulp..... | 3,225 | 19,608 |

IMPORTS OF PAPER STOCK AT NEW YORK.

From January 1 to November 1, 1904, inclusive.

| Whence Imported. | Rags. | Old Papers. | Chemical Fibre. | Manila Stock. |
|----------------------|------------|-------------|-----------------|---------------|
| Antwerp..... | Ba. 27,604 | Ba. 667 | Tons. 2,992 | Ba. 4,825 |
| Barcelona..... | ..... | ..... | ..... | Coils. 2,985 |
| Bordeaux..... | 420 | ..... | ..... | 267 |
| Bremen..... | 664 | ..... | 1,258 | 834 |
| Bristol..... | 470 | 457 | 2,130 | 5,999 |
| Calcutta..... | ..... | ..... | 2,215 | ..... |
| Central America..... | 1,474 | ..... | ..... | 533 |
| Christiania..... | ..... | ..... | 776 | ..... |
| Copenhagen..... | 492 | ..... | ..... | ..... |
| Copenhagen..... | 595 | ..... | 2,375 | 328 |
| Genoa..... | 300 | 165 | ..... | 625 |
| Glasgow..... | 1,060 | 2,419 | ..... | 320 |
| Hamburg..... | 14,697 | 328 | 1,400 | 5,663 |
| Havre..... | 3,228 | ..... | ..... | 218 |
| Hull..... | 13,490 | 665 | 150 | 2,680 |
| Leghorn..... | 1,972 | ..... | ..... | 6,412 |
| Liverpool..... | 5,378 | 1,500 | ..... | 1,759 |
| London..... | 624 | 3,329 | ..... | 270 |
| Marseilles..... | 209 | ..... | ..... | 67 |
| Messina..... | 181 | ..... | ..... | ..... |
| Newcastle..... | ..... | 29 | ..... | 262 |
| Rio Janeiro..... | 45 | ..... | ..... | 93 |
| Rotterdam..... | 3,243 | 118 | 210 | 3,069 |
| Stettin..... | 2,418 | ..... | 260 | 1,938 |
| Stockholm..... | ..... | ..... | 40 | ..... |

NEW YORK IMPORTS.

For the Week Ended November 1, 1904.

| Paper. |
|---|
| W. Seyd, Kroonland, Antwerp, 8 ca. |
| Stursberg, Schell & Co., by same, 10 ca. |
| L. C. Wagner, by same, 5 ca. |
| L. Dejonge & Co., by same, 25 ca. |
| American Express Company, by same, 55 ca. |
| Kupfer Brothers, by same, 8 ca. |
| Paul C. Zuhke, by same, 2 ca. |
| Lee A. Phillips, by same, 1 ca. |
| J. Neuberger, Statendam, Rotterdam, 11 ca. |
| Dingelstedt & Co., by same, 63 ca. |
| W. Seyd, by same, 13 ca. |
| G. W. Sheldon & Co., by same, 50 ca. |
| Miller, Sloan & Wright, by same, 4 ca. |
| L. Dejonge & Co., by same, 46 ca. |
| G. Amsinck & Co., by same, 17 ca. |
| F. B. Vandergrift & Co., by same, 9 ca. |
| Budde & Westemann, Neckar, Bremen, 15 ca. |
| M. Hollander, by same, 5 ca. |
| Henry Lindenmeyer & Son, Patricia, Hamburg, 8 ca. |

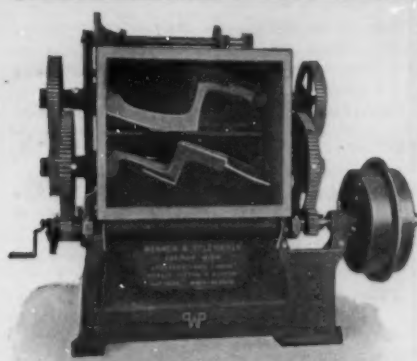
G. Amsinck & Co., by same, 99 ca.
Zinckisen & Co., by same, 1 ca.
L. Dejonge & Co., by same, 38 ca.
Dingelstedt & Co., by same, 46 ca.
Kupfer Brothers, Carpathia, Liverpool, 15 ca.
American Tobacco Company, Baltic, Liverpool, 69 ca.
J. Marsching & Co., by same, 1 ca. hangings.
T. S. Todd & Co., La Savoie, Havre, 4 ca.
W. H. S. Lloyd, Philadelphia, London, 12 ca.
J. Mannheimer & Olin, Campania, London, 27 ba.
Henry Bainbridge & Co., by same, 2 ca.
Chas. F. Hubbs, Kentucky, Copenhagen, 129 ca.
F. J. Emmerich & Son, Astoria, Glasgow, 8 ca.
hangings.
McLauren Brothers, by same, 20 ca.
American Tobacco Company, Georgic, Liverpool, 13 ca.
Kupfer Brothers, Zealand, Antwerp, 173 ca.
P. C. Zuhke, by same, 5 ca.
Hermann Lips, by same, 65 ca.
The Japan Paper Company, by same, 52 ca.
G. W. Sheldon & Co., by same, 51 ca.
G. Gennert, by same, 21 ca.
Fredk. Victor & Achelis, by same, 14 ca.
L. C. Wagner, by same, 6 ca.
W. Heurmann, by same, 12 ca.
L. Dejonge & Co., by same, 20 ca.

Rags, Paper Stock, Etc.
Felix Salomon & Co., Statendam, Rotterdam, 36 ba. rags.
P. Berlowitz, Armenian, Liverpool, 16 ba. rags, 196 ba. bagging.
Felix Salomon & Co., by same, 85 ba. rags, 195 coils rope.
Chas. Harley, Yucatan, Central America, 40 ba. rags.
J. W. Mason & Co., Wells City, Bristol, 399 coils rope.
Salomon Brothers & Co., Patricia, Hamburg, 144 ba. rags.
Felix Salomon & Co., by same, 141 ba. rags, 114 ba. manilas.
G. B. Stratford & Co., Germania, Marseilles, 67 coils rope.
Salomon Brothers & Co., Kentucky, Copenhagen, 168 ba. rags.
G. W. Millar & Co., Astoria, Glasgow, 50 ba. bagging, 43 coils rope.
J. W. Mason & Co., Georgic, Liverpool, 146 coils rope.

Bleaching Powder.
F. A. Reichard, Vaderland, Antwerp, 25 cks.
J. L. & D. S. Riker, Cevic, Liverpool, 65 cks.
Soda Ash.
J. L. & D. S. Riker, Cevic, Liverpool, 15 cks.
China Clay.
J. D. McGlincey, Armenian, Liverpool, 250 cks.
F. Knight & Co., by same, 400 cks.
Moore & Manger, by same, 70 cks.
Perkins, Goodwin & Co., Georgic, Liverpool, 20 cks.
Hammill & Gillespie, Evelyn, Plymouth, 2,378 cks., 1,563 tons.

Sizing.
A. K. Gardner, Evelyn, Plymouth, 23 ba. hide cuttings.
Wood Pulp.
R. Helwig, Kroonland, Antwerp, 20 ba., 4 tons.
F. Bertuch & Co., United States, Copenhagen, 2,011 ba., 250 tons.
R. Helwig, Zealand, Antwerp, 253 ba., 50 tons.

BOSTON IMPORTS.
From October 24 to October 31, 1904, inclusive.
Paper, Etc.
W. H. Clafin & Co., Michigan, Liverpool, 48 ca. paper.
W. H. Guild & Co., Sylvania, Liverpool, 6 ba. periodicals.
Dennison Manufacturing Company, by same, 11 ca. paper.
Arthur C. Schmidt & Co., Assyrian, Hamburg, 7 ca. paper.



SHOWING MACHINE DUMPING CONTENTS.

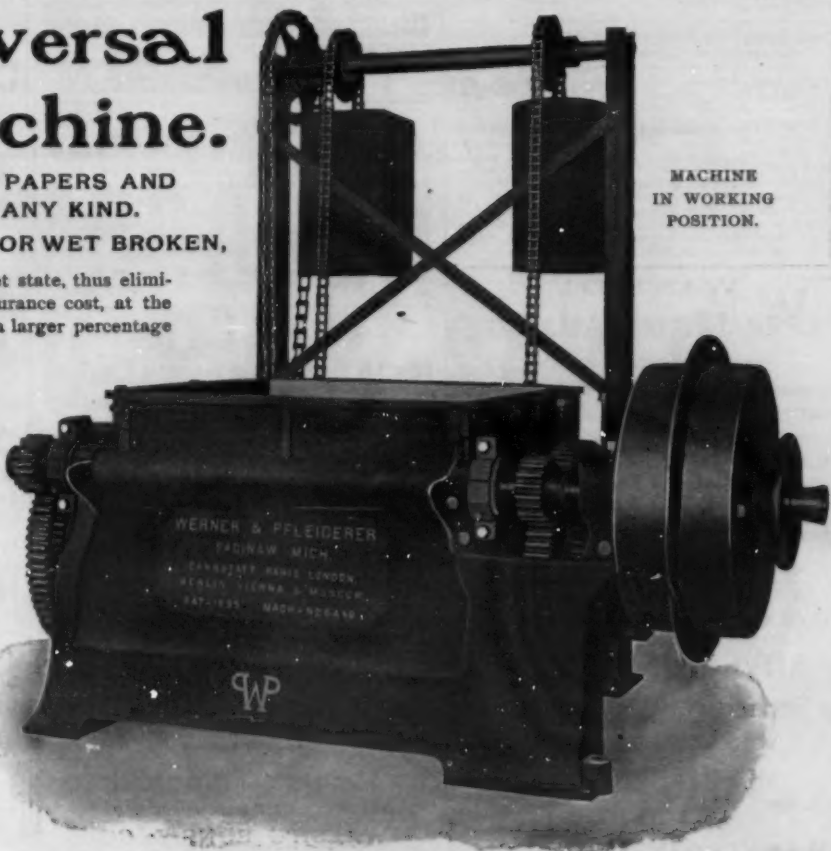
The Universal Pulp Machine.

FOR DISSOLVING OLD PAPERS AND SIMILAR STOCK OF ANY KIND. ESPECIALLY EXCELLENT FOR WET BROKEN,

which can be stored in bins in wet state, thus eliminating fire risk and reducing insurance cost, at the same time enabling the use of a larger percentage in the beaters.

THE UNIVERSAL SOON PAYS FOR ITSELF IN SAVINGS.

Does not destroy the fibre. Accomplishes more and uses less power than any other machine for the purpose.
Simple in construction and can be operated by anyone.
Can be dumped instantly while running.
Nothing to get out of order. Strongly constructed of steel and iron. Water of any temperature can be used. Not affected by acids.
THE ECONOMY OF THE UNIVERSAL REDUCES PRODUCTION COST.
MACHINE CAN BE SEEN AT LIBERAL ARTS BUILDING, WORLD'S FAIR, BLOCK II.
WRITE FOR CATALOGUE AND PRICE.



MACHINE IN WORKING POSITION.

WERNER & PFLEIDERER
Saginaw, Michigan.

American Express Company, by same, 2 cs. books.
 Norman Carroll & Co., Georgian, Antwerp, 6 cs. paper.
 Stone & Downer Company, by same, 83 cs. paper.

Rags, Paper Stock, Etc.

Train, Smith Company, Michigan, Liverpool, 209 lbs. waste paper.
 F. Bertuch & Co., Nicholas II, Copenhagen, 3,702 lbs. wood pulp.
 Felix Salomon & Co., by same, 228 lbs. rags.
 E. Butterworth & Co., Sylvania, Liverpool, 269 lbs. rags.
 Page, Newell & Co., Consuelo, Hull, 200 lbs. pulp.
 Toronto Mill Stock Company, by same, 93 lbs. rags.
 Train, Smith Company, by same, 129 lbs. rags.
 Train, Smith Company, Assyrian, Hamburg, 82 lbs. rags.
 Salomon Brothers & Co., by same, 387 lbs. rags.
 True & McClelland, by same, 50 lbs. rags.
 Aspergren & Co., by same, 680 lbs. wood pulp.
 Salomon Brothers & Co., by same, 269 lbs. rags.
 Felix Salomon & Co., by same, 80 lbs. rags.
 True & McClelland, by same, 37 lbs. rags.
 E. Bertuch & Co., Georgian, Antwerp, 234 lbs. wood pulp.
 Reis & Co., by same, 214 lbs. cotton waste.
 W. Wolf & Sons, by same, 25 lbs. cotton waste.
 Order, by same, 653 lbs. flax waste.
 Felix Salomon & Co., by same, 47 lbs. rags.
 E. Butterworth & Co., by same, 549 lbs. rags.
 Train, Smith Company, by same, 123 lbs. rags.
 Toronto Mill Stock Company, by same, 35 lbs. rags.

Bleaching Powder.

Arnold, Hoffman & Co., Michigan, Liverpool, 24 cks.
 J. L. & D. S. Riker, by same, 720 cks.
 J. L. & D. S. Riker, Sylvania, Liverpool, 248 cks.
 E. M. Sergeant, Georgian, Antwerp, 68 cks.
 J. L. & D. S. Riker, Ivernia, Liverpool, 311 cks.

China Clay.

Warren & Co., Michigan, Liverpool, 120 cks.
 John Richardson, Bohemian, Liverpool, 220 cks.
 John Richardson, Caledonian, Manchester, 646 cks.
 Chas. S. Bush & Co., by same, 206 cks.
 John Knight & Co., by same, 72 cks.
 L. A. Salomon & Brother, by same, 130 cks.
 Baring Brothers & Co., Friesland, Liverpool, 100 cks.

Soda Ash.

Warren & Co., Michigan, Liverpool, 103 cks.
 Linder & Meyer, Bohemian, Liverpool, 400 cks.
 Linder & Meyer, Caledonian, Manchester, 40 cks.

PHILADELPHIA IMPORTS.

For the Week Ended October 29, 1904.

Paper.

Brown Brothers & Co., Manchester Corporation, Manchester, 206 lbs.
 Fourth Street National Bank, Euxinia, Rotterdam, 25 cs.
 Tradesmen's National Bank, by same, 59 lbs.
 Fourth Street National Bank, by same, 25 cs.

Rags, Paper Stock, Etc.

Order, Manchester Corporation, 179 lbs. rags, 695 lbs. paper making materials.
 Brown Brothers & Co., Euxinia, Rotterdam, 33 lbs. old papers.

China Clay.

John Knight & Co., Manchester Corporation, Manchester, 470 cks., 257 bags.

National Toilet Paper Company.

The National Toilet Paper Company, of Cleveland, Ohio, has been incorporated by A. Gilblom, H. W. Bell, E. V. Fishley, M. G. Davis and E. M. Roberts. The capital stock is \$5,000.

Receiver Asked for Sawyer Paper Co.

St. Louis, Mo., October 29, 1904.—A petition was filed in the United States District Court yesterday by the International Paper Company asking that the F. C. Sawyer Paper Company, of St. Louis, be declared an involuntary bankrupt. The International Paper Company alleges claims of \$2,209.30 against the Sawyer Company.

An accident in the Consolidated Bag Factory, at Stagg street and Morgan avenue, Brooklyn, New York, resulted in a probably fatal knife wound to Mrs. Mary Ballmann, 224 Union avenue, and a panic among the hundreds of employees, who thought the victim's screams were caused by fire. Mrs. Ballmann, aged thirty-six, was thrown to the floor by her apron catching in the machinery. As she fell a long curved cutting knife penetrated her body. Her shrieks were heard throughout the building and on the street by Policeman O'Callahan, of the Stagg Street Station, who rushed in and quieted the panic stricken employees who were crowding the exits. Mrs. Ballmann was removed to the St. Catharine's Hospital, where her injuries were pronounced fatal.

Mrs. Howard Colwin, employed in the Geo. H. Friend Paper and Tablet Company's works, West Carrollton, had the misfortune to have the first finger of her left hand cut off in the machinery. Recently she suffered the severance of the first finger of her right hand and her injuries are most distressing.

CASTLE, GOTTHEIL & OVERTON

187-190 Times Building, 41 Park Row, New York.

Foreign and Domestic Paper Stock and New Cuttings, Jute Stock, Sizing, Sulphite and Soda Pulps.

U. S. Agents for ST. JOHN SULPHITE PULP CO., Miscoc, N. B.

GEORGE F. HARDY, M. AM. SOC. M. E.,

305 Broadway, New York.

Consulting Engineer.

SPECIALTY: Paper, Pulp and Fibre Mills, Examination of Mill Properties, Water Power Developments.



JOHN KNIGHT & CO.

CHINA CLAY IMPORTERS,

SPRINGFIELD, MASS.

Sole Agents for the... **L. G. V., W. F.,** and other Brands of **CHINA CLAY.**

L. G. V. is a natural Pure White, free from any artificial tinting. For Coating, Bleaching or Fine Papers it is unsurpassed.

SALOMON BROS. & CO.,

Formerly FELIX SALOMON & CO.,

Importers of All Grades of Rags and Paper Stock,

99 NASSAU STREET, NEW YORK

REPRESENTING

GEBR. SALOMON, Harburg/Hamburg, Germany.
 GEBR. SALOMON, Hanover, Germany.

THE KAOLIN CO., Miners of High Grade

Washed and Floated

CHINA CLAY FOR PAPER MAKERS' USE.

MINES AT WEST CORNWALL, CONN.

New York Address: 287 Broadway.

THOMAS S. HARRISON, Pres't. E. S. TWEEDY, Vice-Pres't. N. T. PULSIFER, Treas.

MORRISON & HERRON, Paper Testing Machines.

Address HOWARD L. MORRISON, 1009 Penna. Avenue N. W., WASHINGTON, D. C.

In buying, why not get the best on the market? U. S. Government department standard for the last twenty years; also in use abroad. Paper Mills cannot be without them. Are made of brass, iron, etc. No Rubber or Liquids Used.

FELIX SALOMON & CO.

Nassau-Beekman Building,

140 NASSAU STREET, NEW YORK.

Importers of and Dealers in All Grades of Rags, Paper Stock, Etc.

Also Representing

PARIS, FRANCE—HUGO HARTIG—HAMBURG, GERMANY,

CHEMICAL AND MECHANICAL WOOD PULPS.

LITTLE & WALKER, 93 Broad Street, BOSTON.

Chemical Experts and Engineers.

A. D. LITTLE, Specialists in the Chemistry of Cellulose, Wood Pulp
 W. H. WALKER, Processes, Paper Making and Electro-Chemistry.

COCHRANE CHEMICAL CO.,

55 Kilby Street,

BOSTON, MASS.

Manufacturers of **Alum.**

Highest tests, free from iron, and all other grades used by paper makers.

Also Manufacturers of ACETIC ACID, SULPHURIC ACID and other chemicals.

WHEELWRIGHT FILLER & MFG. CO.

of Providence, R. I.,

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MARKET REVIEW.

Office of THE PAPER TRADE JOURNAL, WEDNESDAY, NOVEMBER 2, 1902.

FINANCIAL.—Money on call during the week ruled at 2@2 1/2 per cent. On Monday money ruled at 2@2 1/2 per cent., closing at 2 per cent., with the majority of loans at 2 1/4 per cent. On Tuesday money ruled at 2@2 1/2 per cent., closing at 2 1/4 per cent. Time money, 3@3 1/4 per cent. for sixty days, 3 1/2 per cent. for three to six months. Mercantile paper, 4 1/4@4 3/4 per cent. for thirty to ninety days' indorsed bills receivable, 4 1/2@5 per cent. for choice three to six months' single names and 5 per cent. for others. Latest quotations on trade securities are as follows:

Table listing various companies and their stock prices, including American Straw Board Company, American Writing Paper Company, etc.

PAPER.—Business continues good despite the fact that this is the last week of the Presidential campaign, in which there is usually a let up in the demand. That there is some withholding of orders pending the result of the campaign there is no doubt, still there is a fair movement of the various grades. But while trade is fairly satisfactory there is little activity at this time. Next week, however, or rather as soon as the excitement of the election is over, an expansion in the demand is looked for. Should such an expansion take place a stiffening in quotations, it is predicted, will follow. At present prices are firm on everything in the paper line except box boards. The quotations on these continue low and unsteady, owing to the delay of the manufacturers in coming to an agreement on the proposition to lease the machines of the United Box Board and Paper Company to a syndicate of the independent mill owners. In News, Book and Manilas the market situation is quite strong, although on the cheaper grades of wrappings a few of the manufacturers are said to be looking for business, being a little timid about the future. Writings, comparatively speaking, are somewhat quiet. The Writing mills, it is reported, while busy, are not running to their full capacity. After the election an improvement in the demand for Writings will no doubt set in. We quote:

Table listing various paper products and their prices, including Bonds, Ledgers, Writing, Superfine, etc.

WOOD PULP.—As there are no sales of pulp reported it is difficult to guess what the market price of ground wood is. That it is very scarce is admitted on all sides. This, in view of the large production at this time, is considered somewhat remarkable, and as freezing weather is at hand a greater stringency in the ground wood market may be looked for in the near future. As has been said before all large quantities of surplus pulp have been "gobbled up." Should the coming winter prove to be a severe one, pulp will be a scarce article.

WOOD FIBRES.—Practically all grades continue scarce and high in price. The better grades of Foreign and Domestic fibres are very scarce and are advancing gradually as the demand expands. Unbleached Domestic Sulphite continues in good demand and at firm prices. Any material increase in the demand, the dealers say, will be followed by still higher prices. For immediate delivery supplies are very short. We quote:

Table listing various wood products and their prices, including Sulphite, Bleached, Unbleached, etc.

BAGGING, ETC.—There is only a moderate demand for the stocks in this list. Gunny continues scarce and high in price, being quoted at 87 1/2@90c. Rope is dull at 2 1/4c. We quote:

Table listing various bagging and rope products and their prices, including Gunny, Domestic, Foreign, etc.

FOREIGN RAGS.—Much business that should be placed at this time is being held back because of the high prices being asked by the foreign packers. Consumers are trying to get along with as little as possible in the hope of obtaining lower prices later on. The strength of the market abroad, the importers say, renders any drop in prices this winter unlikely. We quote:

Table listing various foreign rags and their prices, including German Blue, Dutch Blues, Light Print, etc.

DOMESTIC RAGS.—To quote the words of a large dealer, "There is not a solitary thing in rags that is not going out as fast as it is coming in." The demand for all grades of white rags has improved. Roofing stocks are in better demand this week. Slight advances are being asked this week by some of the dealers for Soiled Whites, both street and house, Thirds and Blues, and Satinettes, both straight and mixed. Prices have an upward tendency. We quote:

Table listing various domestic rags and their prices, including New Shirt Cuttings, No. 1 Whites, Soiled Whites, etc.

OLD PAPERS.—The situation in these stocks is the same as in rags, all are going remarkably well and at uniformly high prices. There is no accumulation of any grade. Soft Shavings, Book Stock, &c., and Old Newspaper stock are in excellent demand. The packers of old papers are so firm in their demands that it is difficult to do business, so the middlemen report. They advance their prices so fast that the dealers say they do not know where they stand. We quote:

Table listing various old paper products and their prices, including No. 1 Hard White Shavin's, No. 2 Hard White Shavin's, etc.

TWINES.—A good seasonable demand for twines is reported. Prices are unchanged. We quote:

Table listing various twine products and their prices, including Sisal Hay, Sisal Lath Yarn, Jute Rope, etc.

COLORS.—We quote colors, dyes and mordants as follows:

Table listing various colors and mordants and their prices, including Mineral and Vegetable Colors, Indigo, Logwood, etc.

ULTRAMARINE.—There is a steady call for product and prices are unchanged.

CHINA CLAY.—There is only a light jobbing demand in the market. Prices are \$8.50 and upward for Domestic and \$12 and upward for Imported.

BLEACHING POWDER.—Spot stocks are light and small parcels have been moving at 1 1/4@1 1/2c. For delivery in 1905 there have been sales at 1 1/4c. and upward.

ALUM.—There is less pressure to sell and the market for prompt goods is firm at 1.75@1.80c. for Lump and 1.85@1.95c. for Ground.

BRIMSTONE.—Foreign cables report an advancing primary market, but no change is reported on this side. October shipments are quoted at \$20.90 for Thirds and \$21.50 for best Seconds. The arrival of Domestic have been free during the week. A cargo of 8,000 tons is due at this port early next month. Prices remain steady at \$21.20 for Seconds at New York, \$21.45 Philadelphia and Baltimore, \$21.35 Portland. Prime is quoted at \$21.50 New York, and \$21.75 for Philadelphia and Baltimore, and \$21.65 for Portland.

Philadelphia Markets.

[FROM OUR REGULAR CORRESPONDENT.]

PHILADELPHIA, November 1, 1904.—All along the line of paper stock—and in rag stock, too—there is a steady improvement in demand brought by the past week, but in no instance have quotations been disturbed. Few sales are made at the inside prices given, and outside prices are secured oftener than the mean between highest and lowest. No grade of stock is dull, save in a comparative degree, but Hard White Shavings are least in demand, Commons and Soft Whites in greatest. Even for Hard Whites the mills are placing orders sufficient to keep the warehouses of the stock dealers cleaned up. Commons and Old News continue in steady sale, but without feature. In this firm demand for stock dealers see ahead a season of prosperity in which no feverish booms are anticipated.

Table listing various Philadelphia market products and their prices, including Bonds, Ledgers, Writing, Superfine, etc.

Table listing various Philadelphia market products and their prices, including Manila Rope, No. 1, No. 2, etc.

Table listing various Philadelphia market products and their prices, including Shavings, No. 1 Hard, No. 1 Soft, etc.

Paper Mill for Duluth, Perhaps. [SPECIAL CORRESPONDENCE OF THE PAPER TRADE JOURNAL.] DULUTH, Minn., October 29, 1904.—A paper mill, manufacturing wrapping paper and making paper bags, is said to be among the possibilities for the head of the lakes.

The Lake Superior Bag Company is said to be contemplating entering the business of manufacturing wrapping paper at the head of the lakes. The use of one of the flour milling plants at Superior, now idle and dismantled, is reported to be likely. The management of the company in the East is said to be now considering the matter, with some prospect that the venture will be decided upon.

The Rock Island Arsenal, at Rock Island, Ill., has recently purchased a large oil filter from the Burt Manufacturing Company, of Akron, Ohio. This well known company not only supplies the United States Government with its products, but does an extensive business abroad. Besides shipping two of its 8 inch exhaust heads for the use of the Government at Seattle, Wash., the company has recently made a shipment of sixteen exhaust heads and nine oil filters to supply its English trade. The company also reports the sale of three oil filters by its agency at Calcutta, India.

Several changes have been made in the office crews of the three paper companies at Brunswick, Me. E. L. Mayberry has been transferred from Pejepsot to the general office. Ernest York takes his place at Pejepsot Mill. John Winchell is engaged in the office at Lisbon Falls.

THE MATHIESON ALKALI WORKS,

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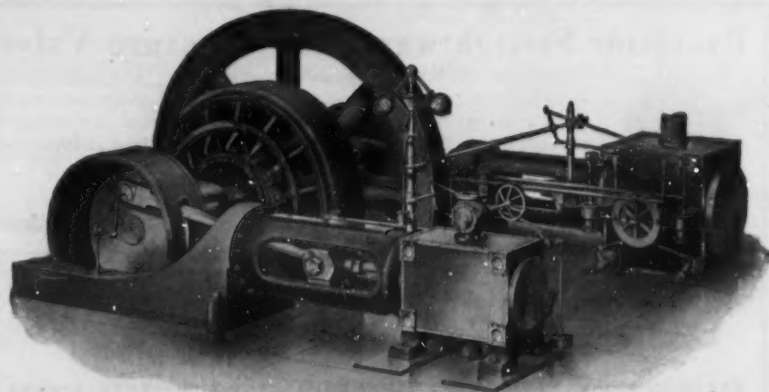
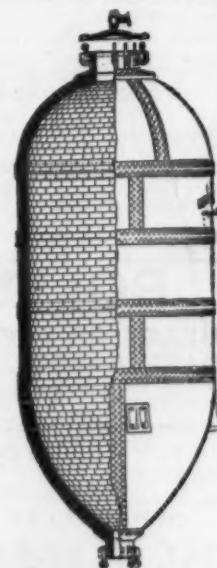
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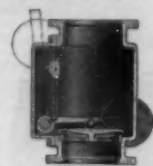
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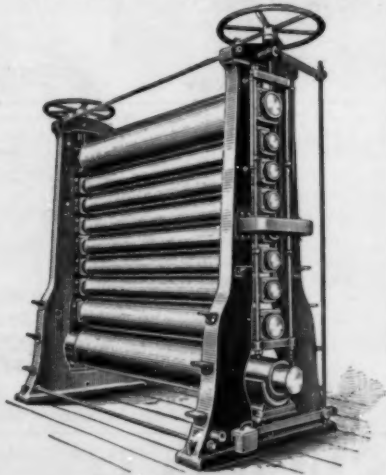
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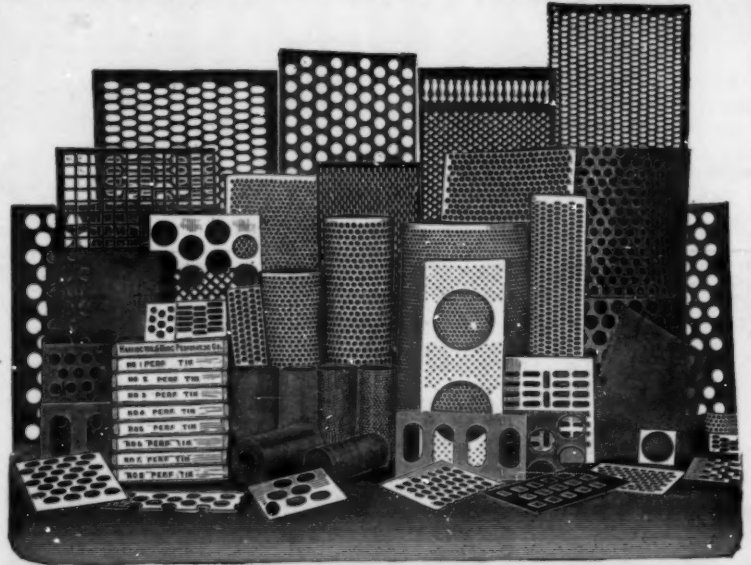
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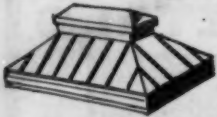
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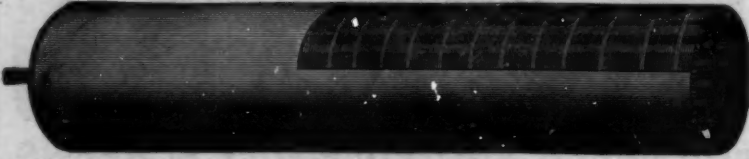
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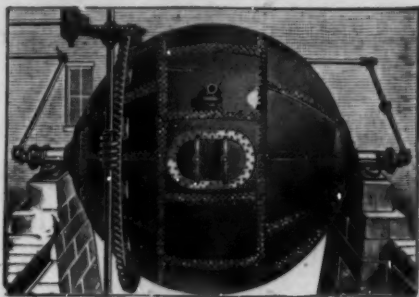


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